

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

C Number: C55516C
Lock Date: 02/12/1992
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 05/18/1994

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|-------------------|------------------------------------------|--------------------------|-------------|
| * Adrenal Cortex | | Hypertrophy | Focal, Mild |
| * Kidney | | Mineralization | Mild |
| | Renal Tubule | Regeneration | Mild |
| * Liver | | Hepatocellular Carcinoma | |
| | [Hepatocellular Carcinoma TGLS = 2-21] | | |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| | | Thrombosis | |
| * Preputial Gland | | Ectasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 91-57518
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Seminal Vesicle		Dilatation	Moderate
		Inflammation	Chronic, Moderate
Note: CHRONIC INFLAMMATION ALSO ON SLIDE 7-1			
[Dilatation TGLS = 3-7-1]			
[Inflammation TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 310
	DOSE: UNTREATD CONTROL	DISP: Natural Death	HISTO: 90-52163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Heart	* Lung
* Mammary Gland	* Skin		

MISSING

* Parathyroid Gland	* Spleen	* Thymus	
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AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 606

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 90-55628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Lobules	Hepatocellular Carcinoma	
		Necrosis	Moderate
	[Hepatocellular Adenoma TGLS = 3-21,5-23]		
	[Hepatocellular Carcinoma TGLS = 4-22]		
* Parathyroid Gland		Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-5]			
* Preputial Gland		Inflammation	Chronic, Mild
* Seminal Vesicle		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Colon	* Thymus
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OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	Moderate
		Hepatocellular Adenoma	
	[Basophilic Focus TGLS = 3-21]		
	[Hepatocellular Adenoma TGLS = 2-6]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 7	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 91-57694
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Moderate
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Pancreas | * Pituitary Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|--------------------------|----------------------------------------|------------------------|-------------------|
| * Kidney | | Casts Protein | Minimal |
| | | Cyst | |
| | | Mineralization | Mild |
| | Renal Tubule | Regeneration | Minimal |
| * Liver | | Hepatocellular Adenoma | |
| | [Hepatocellular Adenoma TGLS = 1-21] | | |
| * Lymph Node, Mesenteric | | Pigmentation | Mild |
| | [Pigmentation TGLS = 2-5] | | |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Mild |

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
 CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
 Time Report Requested: 13:39:32
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 9	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 91-57695
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Subacute, Minimal
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Marked
[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 2-7,2-7-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Moderate
[Clear Cell Focus TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hypercellularity	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hyperplasia	Lymphoid, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]		
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
	Inguinal	Pigmentation	Mild
	[Pigmentation TGLS = 1-21]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Atrophy	Moderate
		Inflammation	Chronic, Moderate
	[Atrophy TGLS = 2-8]		
	[Inflammation TGLS = 2-8]		
* Thyroid Gland	Follicular Cel	Carcinoma	
		Degeneration	Cystic, Moderate
	[Carcinoma TGLS = 4-3]		
* Urinary Bladder		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57698

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 3-8]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	Moderate
[Clear Cell Focus TGLS = 3-21]			
Lymph Node	Renal	Hemorrhage	Minimal
	Renal	Hyperplasia	Lymphoid, Marked
[Hemorrhage TGLS = 4-22]			
[Hyperplasia TGLS = 4-22]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 4-22]			
[Hyperplasia TGLS = 4-22]			
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57521

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Dilatation TGLS = 2-7,2-7-1]		Dilatation	Moderate
* Spleen	Lymph Follic	Hyperplasia	Moderate
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Preputial Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-6,2-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hypercellularity	Mild
* Intestine Large, Cecum		Edema	Mild
* Kidney	Renal Tubule	Atrophy	Minimal
		Casts Protein	Mild
		Cyst	
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-23]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57522

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Hyperplasia	Lymphoid, Mild
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PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney	Renal Tubule	Regeneration	Mild
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Mild
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]			
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Marked
[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-21]		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 3-5]		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 91-57701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Thymus

OBSERVATIONS

Coagulating Gland [Dilatation TGLS = 6-7-1,6-7-2]		Dilatation	Marked
* Epididymis		Hypospermia	
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 7-22,8-23]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 10-2-1]		
* Lymph Node, Mesenteric		Hemorrhage	Moderate
	[Hemorrhage TGLS = 9-5]		
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
* Preputial Gland		Atrophy	Moderate
		Inflammation	Chronic, Mild
	[Atrophy TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 2-7-1,2-7-2]		
* Spleen	Lymph Follic	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 705
	DOSE: UNTREATD CONTROL	DISP: Moribund Sacrifice	HISTO: 91-57701

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 5-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia Ulcer	Mild Mild
[Hyperplasia TGLS = 11-4]			
[Ulcer TGLS = 11-4]			
* Testes	Seminif Tub	Atrophy	Minimal
Urethra		Concretion Inflammation	Moderate Subacute, Mild
[Concretion TGLS = 4-21]			
[Inflammation TGLS = 4-21]			
* Urinary Bladder		Dilatation	Moderate
[Dilatation TGLS = 3-8]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Cyst	
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Testes	Interstitial Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Marked
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 2-23]	
		[Hepatocellular Adenoma TGLS = 1-21]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Marked
* Seminal Vesicle		Dilatation	Moderate
		[Dilatation TGLS = 3-7,3-7-1]	
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Mixed Cell Focus	
	[Mixed Cell Focus TGLS = 2-21]		
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 1-8]		
* Seminal Vesicle		Dilatation	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Cyst	
	Renal Tubule	Regeneration	Minimal
	[Cyst TGLS = 2-21]		
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-22]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
	[Hemorrhage TGLS = 4-5]		
* Preputial Gland		Ectasia	Marked
	[Ectasia TGLS = 1-8]		
* Stomach, Glandular		Mineralization	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
* Preputial Gland		Ectasia	Mild
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7,1-7-1]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
		Ulcer	Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	Moderate
			[Hepatocellular Adenoma TGLS = 2-22,3-24]
			[Mixed Cell Focus TGLS = 4-25]
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
			[Hemorrhage TGLS = 5-5]
* Preputial Gland		Inflammation	Chronic, Mild
Tissue NOS		Cyst	Marked
			[Cyst TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

Animal Note: MODERATE INFLAMMATION INVOLVING ONE INCISOR TOOTH; NOT

Animal Note: CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 478

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-54857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney		Casts Protein	Moderate
	Renal Tubule	Regeneration	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
	Kupffer Cell	Hyperplasia	Moderate
	Kupffer Cell	Pigmentation	Mild
	[Hepatocellular Carcinoma TGLS = 4-22]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]		
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Testes	Seminif Tub	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Metaplasia	Osseous, Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Minimal
		Inflammation	Chronic, Mild
* Preputial Gland			
[Inflammation TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 2-7-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Coagulating Gland		Dilatation	Moderate
[Dilatation TGLS = 5-7-1]			
* Intestine Large, Cecum		Edema	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Basophilic Focus	Mild
		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 6-21]		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 7-22,9-23]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 8-2-1]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose		Exudate	Mild
		Foreign Body	Minimal
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Moderate
[Ectasia TGLS = 1-8,2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57706

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle	Dilatation	Marked
	Hemorrhage	Moderate
[Dilatation TGLS = 3-7,3-7-1]		
[Hemorrhage TGLS = 4-7-1]		
Tooth	Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 639

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 91-57707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Liver	Hepatocellular Carcinoma		
[Hepatocellular Carcinoma TGLS = 4-21]			
* Preputial Gland	Ectasia		Moderate
	Inflammation		Chronic, Mild
[Ectasia TGLS = 1-8]			
* Urinary Bladder	Dilatation		Moderate
[Dilatation TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Gallbladder |
| Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lung | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Mesenteric

OBSERVATIONS

- | | | | |
|---------------------------------------------|--------------|------------------------|-----------------|
| * Islets, Pancreatic | | Hyperplasia | Moderate |
| * Kidney | | Cyst | |
| | | Mineralization | Minimal |
| | Renal Tubule | Regeneration | Minimal |
| * Liver | | Hepatocellular Adenoma | Multiple |
| [Hepatocellular Adenoma TGLS = 1-21,2-22] | | | |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Marked |
| * Seminal Vesicle | | Dilatation | Moderate |
| [Dilatation TGLS = 3-7-1,4-7-2] | | | |
| Tooth | | Dysplasia | Mild |
| [Dysplasia TGLS = 5-9] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Esophagus			
Note: ESOPHAGUS IS ON SLIDE 2			
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
		Hyperplasia	Moderate
* Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
[Cyst TGLS = 4-22]			
* Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 5-23]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-21]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 6-5]			
* Pancreas		Cyst	
* Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Marked
[Ectasia TGLS = 2-8]			
[Inflammation TGLS = 2-8]			
[Inflammation TGLS = 2-8]			
* Seminal Vesicle		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57709

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 3-7,3-7-1]

Tooth

Dysplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 614

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 90-55806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
	Infiltration Cellular	Histiocyte, Mild
Note: PIGMENT		
Note: HISTIOCYTIC CELLS CONTAIN DARK BROWN, HEMOSIDERIN-LIKE		
* Lymph Node, Mandibular	Pigmentation	Mild
* Preputial Gland	Ectasia	Mild
	Inflammation	Suppurative, Mild
	Inflammation	Chronic, Moderate
[Ectasia TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 91-57710
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization Regeneration Inflammation	Mild Minimal Subacute, Minimal
* Liver		Alveolar/Bronchiolar Adenoma	
* Lung		Hemorrhage Ectasia Inflammation	Minimal Marked Suppurative, Mild
* Preputial Gland			
[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Testes	Seminif Tub	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36	TRT#: 1	SEX: Male	DAY ON TEST: 579
	DOSE: UNTREATD CONTROL	DISP: Moribund Sacrifice	HISTO: 90-55416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver	Basophilic Focus	Moderate
[Hepatocellular Carcinoma TGLS = 3-21]	Hepatocellular Carcinoma	
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Ectasia	Moderate
[Ectasia TGLS = 2-8]	Inflammation	Suppurative, Mild
[Inflammation TGLS = 2-8]		
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

INSUFFICIENT TISSUE

* Intestine Small, Ileum

OBSERVATIONS

Harderian Gland	Adenoma	
* Kidney	Casts Protein	Minimal
	Mineralization	Mild
	Regeneration	Mild
	Alveolar/Bronchiolar Adenoma	
* Lung		
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]		
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-21]		
* Parathyroid Gland	Cyst	
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 8-24]			
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-23]			
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-22]			
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 4-5]			
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Marked
[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 2-8]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 3-7]			
* Thymus		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 5-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 91-57531
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	Follicle Follicular Cel	Cyst Degeneration Hyperplasia	Cystic, Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum	Edema	Mild
* Kidney	Mineralization	Minimal
* Liver	Hepatocellular Carcinoma	
	Mixed Cell Focus	Mild
[Hepatocellular Carcinoma TGLS = 1-21]		
[Mixed Cell Focus TGLS = 2-22]		
* Lymph Node, Mandibular	Pigmentation	Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 674

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 91-57711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

INSUFFICIENT TISSUE

* Adrenal Cortex

OBSERVATIONS

Harderian Gland		Carcinoma	
* Heart		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 4-5]			
* Kidney		Carcinoma	Metastatic (Harderian Gland)
		Mineralization	Minimal
	Renal Tubule	Necrosis	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 5-2]			
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: HEPATOCLR CARC METASTASES ARE COMPOSED OF DEEP

Animal Note: METASTATIC HEPATOCLR CARC ADJACENT TO HARDERIAN

Animal Note: GLAND (SLIDE 9)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 674

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 91-57711

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: BE POORLY DIFFERENTIATED

Animal Note: STAINING OVOID & SPINDLE-SHAPED CELLS; APPEARS TO

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Renal Tubule	Cyst	Minimal
		Regeneration	Moderate
* Lymph Node, Mesenteric		Hemorrhage	
[Hemorrhage TGLS = 2-5]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Focal, Minimal
[Adenoma TGLS = 2-10]			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Regeneration	Minimal
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-22]		
* Salivary Glands		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Epididymis		Spermatocele	
[Spermatocele TGLS = 3-7]			
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			
* Thyroid Gland		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-21]			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Cyst	
	Renal Tubule	Regeneration	Mild
* Seminal Vesicle		Dilatation	Moderate
		Hemorrhage	Mild
[Dilatation TGLS = 1-7-1,1-7-2]			
[Hemorrhage TGLS = 3-7-1]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ESOPHAGUS IS ON SLIDE 4

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	Mild
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Moderate
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 2-7-1]		
* Thyroid Gland		Degeneration	Cystic, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Preputial Gland		Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-22]			
* Preputial Gland		Ectasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: UNTREATD CONTROL	DISP: Scheduled Sacrifice	HISTO: 90-54414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Preputial Gland		Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 52	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: UNTREATD CONTROL	DISP: Scheduled Sacrifice	HISTO: 90-54415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Hemorrhage	Minimal
* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Ectasia	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: UNTREATD CONTROL	DISP: Scheduled Sacrifice	HISTO: 90-54416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: UNTREATD CONTROL	DISP: Scheduled Sacrifice	HISTO: 90-54417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]		
* Preputial Gland	Ectasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 55

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Cyst	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-21]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 56

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Prostate
* Spleen
* Thymus

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

OBSERVATIONS

* Kidney

* Preputial Gland
[Inflammation TGLS = 2-8]

Casts Protein
Mineralization
Inflammation

Minimal
Minimal
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Brain | * Epididymis |
| * Esophagus | * Gallbladder | Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | |
|----------------------------------------|----------------------------------|-------------|
| * Adrenal Cortex | Hyperplasia | Focal, Mild |
| * Bone Marrow | Hypercellularity | Mild |
| * Liver | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 1-21] | | |
| * Lymph Node, Mesenteric | Hemorrhage | Minimal |
| * Spleen | Hematopoietic Cell Proliferation | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 58	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: UNTREATD CONTROL	DISP: Scheduled Sacrifice	HISTO: 90-54421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: UNTREATD CONTROL	DISP: Scheduled Sacrifice	HISTO: 90-54422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 60	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: UNTREATD CONTROL	DISP: Scheduled Sacrifice	HISTO: 90-54423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-21]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Ectasia	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 91-57512
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hypercellularity	Moderate
Harderian Gland		Adenoma	
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 91-57513
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
Note: EXTENSIVE FIBROSIS & NECROSIS ASSOC. WITH HEPATOCLR ADEN			
Note: ON SLIDE 4-1			
[Hepatocellular Adenoma TGLS = 2-4-1,3-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65 TRT#: 3 SEX: Male DAY ON TEST: 737
DOSE: 0.0312% DISP: Terminal Sacrifice HISTO: 91-57537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Bone Marrow		Hypercellularity	Mild
* Kidney		Casts Protein	Mild
		Hydronephrosis	Mild
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Hemangioma	
		Hepatocellular Carcinoma	
	[Hemangioma TGLS = 2-22]		
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 66	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 91-57515
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone		Hyperostosis	Mild
[Hyperostosis TGLS = 6-23]			
Coagulating Gland		Dilatation	Moderate
[Dilatation TGLS = 2-7]			
Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-21]		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-6]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7,1-7-1]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-22]			
* Thyroid Gland		Degeneration	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57515

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Moderate
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 3-22]		
	[Hepatocellular Adenoma TGLS = 2-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]		
* Preputial Gland		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Moderate
	[Dilatation TGLS = 1-7,1-7-1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 2-2-1]			
* Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

Harderian Gland		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Pancreas		Atrophy	Mild
Note: ATROPHY IS ON SLIDE 5			
* Preputial Gland		Angiectasis	Moderate
		Inflammation	Suppurative, Moderate
[Angiectasis TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder	Mucosa	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: ESOPHAGUS IS ON SLIDE 4

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 19

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 89-50138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Islets, Pancreatic

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney		Casts Protein	Minimal
* Liver	Lobules	Necrosis	Mild
Note: NECROSIS HAS A DIFFUSE PATTERN			
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
* Preputial Gland		Ectasia	Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Atrophy	Moderate
[Atrophy TGLS = 2-21]			
[Atrophy TGLS = 2-21]			
* Stomach, Glandular		Erosion	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 91-57845
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Clear Cell Focus	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC ALSO ON SLIDE 2 [Alveolar/Bronchiolar Carcinoma TGLS = 1-2-1]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Inflammation	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-22]			
[Hepatocellular Carcinoma TGLS = 1-21]			
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 592

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-55432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-22]		
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
	Note: BROWNISH PIGMENT WITHIN INFILTRATING HISTIOCYTES		
	[Hyperplasia TGLS = 2-2-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 91-57540
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma Hypercellularity Carcinoma	Mild
Harderian Gland [Carcinoma TGLS = 3-23]			
* Kidney	Renal Tubule	Mineralization Regeneration Hyperplasia Ectasia Inflammation	Mild Minimal Lymphoid, Mild Mild Chronic, Moderate
* Lymph Node, Mesenteric			
* Preputial Gland			
[Ectasia TGLS = 1-21] [Inflammation TGLS = 1-21]			
* Spleen		Hemangiosarcoma Hematopoietic Cell Proliferation	Mild
[Hemangiosarcoma TGLS = 2-22]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Natural Death	DAY ON TEST: 625 HISTO: 90-55808
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow	Necrosis	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Hyperplasia	Lymphoid, Moderate
* Liver [Hepatocellular Carcinoma TGLS = 2-21]	Hepatocellular Carcinoma	
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Hemorrhage	Moderate
* Seminal Vesicle	Dilatation	Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Brain		Hemorrhage	Mild
		Necrosis	Marked
* Kidney		Histiocytic Sarcoma	
		Hydronephrosis	Mild
	Transit Epithe	Hyperplasia	Moderate
		Mineralization	Mild
	Renal Tubule	Necrosis	Marked
	[Histiocytic Sarcoma TGLS = 3-5]		
	[Necrosis TGLS = 3-5]		
* Liver		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
	[Hematopoietic Cell Proliferation TGLS = 4-6]		
	[Histiocytic Sarcoma TGLS = 4-6]		
* Lung		Histiocytic Sarcoma	
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.0312%	DISP: Moribund Sacrifice	HISTO: 91-57846

ORGAN AND ACCOUNTABLE SITE STATUS

Histiocytic Sarcoma

[Hematopoietic Cell Proliferation TGLS = 2-6]

[Histiocytic Sarcoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 91-57541
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-21]		Infiltration Cellular	Histiocyte, Marked
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Chronic, Marked
[Inflammation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Kidney		Casts Protein	Minimal
		Cyst	
* Liver	Renal Tubule	Regeneration	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	
	[Hepatocellular Adenoma TGLS = 4-23,5-24]		
	[Hepatocellular Carcinoma TGLS = 3-22]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
	[Hemorrhage TGLS = 6-5]		
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	

Note: LESIONS ARE ALSO PRESENT ON SLIDE 6-1

[Hematopoietic Cell Proliferation TGLS = 2-21]

[Lymphoma Malignant Mixed TGLS = 2-21]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57542

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Squamous Cell Papilloma

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-22]			
* Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Hemorrhage	Minimal
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-8]			
* Preputial Gland		Inflammation	Suppurative, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 81	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 91-57847
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Preputial Gland		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Moderate
* Seminal Vesicle		Dilatation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 82	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Natural Death	DAY ON TEST: 17 HISTO: 89-50139
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Lymph Node, Mandibular		Atrophy	Moderate
* Spleen	Lymph Follicle	Atrophy	Moderate
	Red Pulp	Atrophy	Moderate
	[Atrophy TGLS = 1-6]		
	[Atrophy TGLS = 1-6]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Carcinoma	
[Hemangiosarcoma TGLS = 4-23]			
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 2-6-1,2-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 3-22]		
	[Hepatocellular Adenoma TGLS = 1-21]		
* Nose		Exudate	Mild
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 2-7-1]		
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney	Renal Tubule	Casts Protein	Minimal
		Casts Protein	Minimal
		Cyst	
	Renal Tubule	Regeneration	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-22]		
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Preputial Gland		Ectasia	Mild
	[Ectasia TGLS = 4-8]		
* Seminal Vesicle		Hemorrhage	Moderate
		Inflammation	Chronic, Moderate
	[Hemorrhage TGLS = 3-23]		
	[Inflammation TGLS = 3-23]		
* Stomach, Forestomach		Diverticulum	Moderate
	[Diverticulum TGLS = 5-24]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 656

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Preputial Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 5-22]		Hyperostosis	Mild
* Bone Marrow		Hypercellularity	Moderate
Eye [Cataract TGLS = 1-44] [Inflammation TGLS = 1-44]		Cataract Inflammation	Mild Chronic, Mild
Harderian Gland [Adenoma TGLS = 4-9]		Adenoma	
* Kidney [Hemangiosarcoma TGLS = 3-21]		Hemangiosarcoma	
* Liver	Kupffer Cell	Hyperplasia Thrombosis	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Kidney Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 87	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 91-57547
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Intestine Large, Cecum		Edema	Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Subacute, Minimal
[Hepatocellular Adenoma TGLS = 2-22]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
[Hematopoietic Cell Proliferation TGLS = 3-5]			
[Hemorrhage TGLS = 3-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-21]			
* Intestine Large, Cecum		Edema	Mild
* Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
		Hemorrhage	Minimal
[Hematopoietic Cell Proliferation TGLS = 4-5]			
[Hemorrhage TGLS = 4-5]			
* Preputial Gland		Ectasia	Mild
[Ectasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 737
	DOSE: 0.0312%	DISP: Terminal Sacrifice	HISTO: 91-57849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	Mild
	Hepatocyte	Nuclear Alteration	Mild
Note: NUCLEAR ALTERATION CONSISTS OF MULTINUCLEATED HEPATOCYTES [Basophilic Focus TGLS = 3-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
		Inflammation	Subacute, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
[Ectasia TGLS = 1-8] [Inflammation TGLS = 1-8]			
* Thymus		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
* Urinary Bladder		Edema	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Mesenteric

OBSERVATIONS

- | | | | |
|----------------------|--------------|------------------|----------|
| * Epididymis | | Spermatocele | |
| * Islets, Pancreatic | | Hyperplasia | Moderate |
| * Kidney | | Mineralization | Mild |
| | Renal Tubule | Regeneration | Mild |
| * Liver | | Mixed Cell Focus | Mild |

[Mixed Cell Focus TGLS = 2-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Hypertrophy	Focal, Moderate
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-22]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Parathyroid Gland		Cyst	
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-21]			
[Inflammation TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 683 HISTO: 91-57851
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyimus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Moderate
		Hepatocellular Carcinoma	
	[Clear Cell Focus TGLS = 4-22]		
	[Hepatocellular Carcinoma TGLS = 3-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Minimal
	[Hemorrhage TGLS = 1-5]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-4-1]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-21,4-22]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
	[Inflammation TGLS = 1-8]		
* Seminal Vesicle		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 95	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 91-57551
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Minimal
* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1-21,2-6]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Pigmentation	Mild
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild

[Ectasia TGLS = 1-8,2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hypercellularity	Moderate
Eye		Phthisis Bulbi	
[Phthisis Bulbi TGLS = 1-21]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Casts Protein	Minimal
		Cyst	
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
Note: CHRONIC INFLAMMATION; NOT CODED			
Note: NECROSIS IS SURROUNDED BY AN AREA OF FIBROSIS AND			
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 461

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-54497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Moderate
* Liver		Congestion	Marked
	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Marked
Note: MARKED SINUSOIDAL CONGESTION ALSO ON SLIDE 22			
[Congestion TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 2-21]			
[Vacuolization Cytoplasmic TGLS = 3-22]			
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 543

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-54922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Kidney		Casts Protein	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 678

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Gallbladder		Fibrous Histiocytoma	
		Hepatoblastoma	Metastatic (Liver)
* Kidney		Casts Protein	Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
	Lobules	Necrosis	Marked
Note: NECROSIS IS ON SLIDE 26			
[Hepatoblastoma TGLS = 6-22,12-26]			
[Hepatocellular Carcinoma TGLS = 7-23]			
* Lung		Hepatoblastoma	Metastatic (Liver)
		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
		Hematopoietic Cell Proliferation TGLS = 5-5]	
		[Hyperplasia TGLS = 5-5]	
Mesentery		Hepatoblastoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 678 HISTO: 91-57854
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatoblastoma TGLS = 11-24] * Preputial Gland		Ectasia Inflammation	Moderate Suppurative, Mild
[Ectasia TGLS = 2-8] [Inflammation TGLS = 2-8] * Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6] * Stomach, Glandular	Mucosa	Hyperplasia	Mild
[Hyperplasia TGLS = 9-4-1] * Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH	-
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatoblastoma;Liver Hepatocellular Carcinoma;Liver Lobules Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101

TRT#: 3

SEX: Male

DAY ON TEST: 646

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Rectum	* Pituitary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]		
* Preputial Gland		Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Moderate
	[Dilatation TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Hypertrophy	Focal, Minimal
* Bone Marrow		Hypercellularity	Moderate
* Intestine Small, Ileum		Amyloid Deposition	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-22]		
* Preputial Gland		Inflammation	Chronic, Marked
	[Inflammation TGLS = 1-21]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-23]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Marked
[Hemorrhage TGLS = 4-5]			
[Hyperplasia TGLS = 4-5]			
* Preputial Gland		Inflammation	Chronic, Mild
Note: SQUAMOUS METAPLASIA ASSOC. WITH INFLAMMATION; NOT CODED			
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-22-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 705

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hyperplasia	Focal, Minimal
* Bone Marrow		Hypercellularity	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9,3-9]			
* Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma
 CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 625

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-55809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Brain		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 10-1]			
* Heart		Hepatocellular Carcinoma	Metastatic (Liver)
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
		Mineralization	Mild
* Liver		Basophilic Focus	Mild
	Kupffer Cell	Hepatocellular Carcinoma	
[Basophilic Focus TGLS = 4-21]		Hyperplasia	Moderate
[Hepatocellular Carcinoma TGLS = 5-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 8-2,9-25]			
Skeletal Muscle		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 6-23,7-24]			
* Spleen	Lymph Follic	Atrophy	Mild
[Atrophy TGLS = 2-6]			
* Stomach, Glandular		Edema	Mild
	Mucosa	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 3
DOSE: 0.0312%

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 625
HISTO: 90-55809

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
	[Ectasia TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 586

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-55435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Brain |
| * Esophagus | * Gallbladder | Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lymph Node, Mandibular | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | |
|-------------------------------------------------|----------------------------------|----------|
| * Bone Marrow | Hypercellularity | Moderate |
| * Epididymis | Histiocytic Sarcoma | |
| * Liver | Histiocytic Sarcoma | |
| [Histiocytic Sarcoma TGLS = 3-6,4-22] | | |
| * Lung | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 5-2-1] | | |
| * Lymph Node, Mesenteric | Histiocytic Sarcoma | |
| Mesentery | Histiocytic Sarcoma | |
| [Histiocytic Sarcoma TGLS = 1-21] | | |
| * Spleen | Hematopoietic Cell Proliferation | Marked |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | |

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 737
DOSE: 0.0312% **DISP:** Terminal Sacrifice **HISTO:** 91-57555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Undifferentiated Cell Type	
* Bone Marrow		Lymphoma Malignant Undifferentiated Cell Type	
* Brain		Lymphoma Malignant Undifferentiated Cell Type	
Note: PIGMENT; NOT CODED			
Note: FOCAL AREAS OF PHAGOCYTIZED BROWNISH HEMOSIDERIN-LIKE			
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 12-1]			
Coagulating Gland		Dilatation	Moderate
[Dilatation TGLS = 7-7]			
* Epididymis		Lymphoma Malignant Undifferentiated Cell Type	
* Heart		Lymphoma Malignant Undifferentiated Cell Type	
* Kidney	Renal Tubule	Dilatation	Minimal
		Lymphoma Malignant Undifferentiated Cell Type	
	Renal Tubule	Regeneration	Mild
* Liver	Lobules	Lymphoma Malignant Undifferentiated Cell Type	
		Necrosis	Moderate
* Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Axillary	Lymphoma Malignant Undifferentiated Cell Type	
	Iliac	Lymphoma Malignant Undifferentiated Cell Type	
	Inguinal	Lymphoma Malignant Undifferentiated Cell Type	
	Popliteal	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 2-8,2-21,5-24,9-26,1-8,10-27,11-28,3-22]			
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 2-8,2-21,5-24,9-26,1-8,10-27,11-28,3-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57555

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Undifferentiated Cell Type TGLS = 2-8,2-21,5-24,9-26,1-8,10-27,11-28,3-22]		
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 2-8,2-21,5-24,9-26,1-8,10-27,11-28,3-22]		
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 2-8,2-21,5-24,9-26,1-8,10-27,11-28,3-22]		
* Lymph Node, Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 11-28, 10-27, 5-24, 2-8,2-2]		
* Lymph Node, Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 11-28, 10-27, 5-24, 2-8,2-2]		
* Nose	Lymphoma Malignant Undifferentiated Cell Type	
* Seminal Vesicle	Dilatation	Marked
[Dilatation TGLS = 6-7,6-7-1]		
* Skin	Lymphoma Malignant Undifferentiated Cell Type	
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant Undifferentiated Cell Type	
[Hematopoietic Cell Proliferation TGLS = 4-6,4-23]		
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 4-6,4-23]		
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 13-29]		
* Thyroid Gland	Follicular Cel	Hyperplasia
		Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: FEATURES CHARACTERISTIC OF ERYTHROCYTIC LEUKEMIA

Animal Note: THE NEOPLASM DESIGNATED "LYMPH MAL UNDF" HAS SOME

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Preputial Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Epididymis		Spermatocele	Mild
* Intestine Large, Cecum		Edema	Mild
* Kidney		Hydronephrosis	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Subacute, Moderate
[Clear Cell Focus TGLS = 7-27]			
[Hepatocellular Adenoma TGLS = 1-21,2-22,5-25,6-26]			
[Hepatocellular Carcinoma TGLS = 3-23]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
[Hyperplasia TGLS = 9-29]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111	TRT#: 3 DOSE: 0.0312%	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 90-54472
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney	Casts Protein	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]		
* Parathyroid Gland	Cyst	
* Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Mild
* Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Epididymis		Hypospermia	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Casts Protein	Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Testes	Seminif Tub	Atrophy	Mild
		Granuloma Sperm	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 115

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Small, Ileum [Carcinoma TGLS = 1-21]	Carcinoma		
* Kidney	Mineralization		Minimal
* Preputial Gland	Ectasia		Mild
	Inflammation		Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation		Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 362

DOSE: 0.0312%

DISP: Natural Death

HISTO: 90-52616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Intestine Small, Ileum	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney		Inflammation	Suppurative, Marked
	Papilla	Necrosis	Moderate
	[Inflammation TGLS = 3-5]		
* Lung		Congestion	Moderate
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Inguinal	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 1-21, 1-21, 4-23, 4-23]		
	[Hyperplasia TGLS = 1-21, 1-21, 4-23, 4-23]		
* Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Moderate
* Skin		Ulcer	Mild
	[Ulcer TGLS = 2-22]		
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
		Congestion	Moderate
* Urinary Bladder		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH - Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 362

DOSE: 0.0312%

DISP: Natural Death

HISTO: 90-52616

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Kidney Papilla Necrosis;Preputial Gland Inflammation;Prostate Inflammation;Urinary Bladder Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 118

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Skin		Acanthosis	Minimal

[Acanthosis TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Mineralization	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]		
* Preputial Gland	Ectasia	Marked
[Ectasia TGLS = 1-8]	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Liver
- * Mammary Gland
- * Pituitary Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Adrenal Medulla
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Nose
- * Prostate
- * Spleen
- * Thymus

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland		Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Harderian Gland		Hyperplasia	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-4,3-23]			
* Kidney		Casts Protein	Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Moderate
		Hepatocellular Adenoma	
		Inflammation	Subacute, Moderate
	Lobules	Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 4-2-1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Seminal Vesicle		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Subacute, Minimal
	[Hepatocellular Adenoma TGLS = 1-21,5-24]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-2-1]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-23]		
* Parathyroid Gland		Cyst	
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
* Prostate		Hemorrhage	Mild
	[Hemorrhage TGLS = 3-7]		
* Seminal Vesicle		Dilatation	Mild
	[Dilatation TGLS = 4-7,4-7-1]		
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 4-24]		Carcinoma	
* Kidney		Metaplasia	Osseous, Moderate
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Subacute, Minimal
	[Hepatocellular Adenoma TGLS = 2-22,3-23]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
	[Ectasia TGLS = 1-21]		
	[Inflammation TGLS = 1-21]		
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 677

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Epididymis	Granuloma Sperm	Marked
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-22]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular	Pigmentation	Moderate
* Preputial Gland	Ectasia	Mild
[Ectasia TGLS = 3-8]		
* Skin	Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125 TRT#: 5 SEX: Male DAY ON TEST: 579
DOSE: 0.0625% DISP: Moribund Sacrifice HISTO: 90-55430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Moderate
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Basophilic Focus	Mild
		Hepatocellular Carcinoma	
	[Basophilic Focus TGLS = 3-22]		
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
	[Ectasia TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adren Medulla			
Note: ONE ADRENAL MEDULLA INCLUDES SEVERAL PIGMENT-CONTAINING MACROPHAGES (RESEMBLES HEMOSIDERIN); NOT CODED			
* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Moderate Focal, Minimal
* Kidney	Renal Tubule	Adenoma Casts Protein Mineralization Regeneration	Minimal Mild Minimal
	[Adenoma TGLS = 1-21]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Ectasia Inflammation Inflammation	Mild Suppurative, Moderate Chronic, Marked
* Seminal Vesicle		Dilatation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-23]		
	[Hepatocellular Carcinoma TGLS = 3-22]		
* Lymph Node, Mesenteric		Angiectasis	Mild
	[Angiectasis TGLS = 5-5]		
* Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Moderate
	[Ectasia TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Prostate		Inflammation	Suppurative, Minimal
* Skin		Inflammation	Suppurative, Marked
	[Inflammation TGLS = 2-21]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 7-4-1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Casts Protein	Moderate
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-23]		
	[Hepatocellular Carcinoma TGLS = 2-22]		
* Lymph Node, Mesenteric		Angiectasis	Moderate
		Hemorrhage	Mild
	[Angiectasis TGLS = 5-5]		
	[Hemorrhage TGLS = 5-5]		
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Marked
	[Ectasia TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-6,4-21]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-23]			
* Kidney		Casts Protein	Moderate
		Hydronephrosis	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Nuclear Alteration	Mild
Note: HEPATOCLR CARC ALSO ON SLIDE 6			
[Basophilic Focus TGLS = 7-24]			
[Hepatocellular Carcinoma TGLS = 4-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2-1]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57561

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-21]

[Inflammation TGLS = 1-21]

* Spleen

Hematopoietic Cell Proliferation

Moderate

[Hematopoietic Cell Proliferation TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Pituitary Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Adrenal Medulla
- * Epididymis
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Nose
- * Prostate
- * Spleen
- * Thymus

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

OBSERVATIONS

- * Kidney
- * Liver
- * Preputial Gland

Renal Tubule

- Cyst
- Mineralization
- Regeneration
- Inflammation
- Atrophy
- Inflammation

- Mild
- Minimal
- Subacute, Mild
- Moderate
- Chronic, Marked

[Atrophy TGLS = 1-8]

[Inflammation TGLS = 1-8,2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 737
DOSE: 0.0625% **DISP:** Terminal Sacrifice **HISTO:** 91-57820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
Harderian Gland		Adenoma	
* Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
		Hemorrhage	Minimal
* Lymph Node, Mesenteric			
[Hemorrhage TGLS = 3-5]			
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 2-8]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	Mild
	[Hepatocellular Adenoma TGLS = 2-21]	Hepatocellular Adenoma	
* Lung		Hemorrhage	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 1-8]		
* Stomach, Forestomach		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Esophagus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Kidney	Renal Tubule	Adenoma	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
[Adenoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-5]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyimus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Ileum

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 3-9]		Adenoma	
* Liver [Hepatocellular Carcinoma TGLS = 2-22]		Hepatocellular Carcinoma	
* Lung	Alveolar Epith	Hepatocellular Carcinoma Hyperplasia	Metastatic (Liver) Mild
* Preputial Gland		Ectasia Inflammation	Mild Suppurative, Moderate
* Skin [Sarcoma TGLS = 1-21]	Subcut Tiss	Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
* Preputial Gland		Inflammation	Chronic, Marked
[Inflammation TGLS = 1-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hypercellularity	Moderate
Harderian Gland		Adenoma	
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-23]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Mineralization	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5,2-21]			
* Preputial Gland		Ectasia	Mild
[Ectasia TGLS = 1-8]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6,3-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 626

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 90-55807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Gallbladder	Harderian Gland	* Heart
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Esophagus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Intestine Large, Cecum		Edema	Mild
[Edema TGLS = 4-22,5-23, 3-21]			
* Intestine Large, Colon		Edema	Mild
[Edema TGLS = 4-22,5-23, 3-21]			
* Intestine Large, Rectum		Edema	Moderate
[Edema TGLS = 4-22,5-23, 3-21]		Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-22,5-23]			
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Marked
[Hematopoietic Cell Proliferation TGLS = 2-5]			
[Hemorrhage TGLS = 2-5]			
Pharynx		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-9]			
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 138	TRT#: 5 DOSE: 0.0625%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 626 HISTO: 90-55807
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ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-8]			
* Stomach, Forestomach	Mucosa	Hyperplasia Ulcer	Minimal Minimal
* Thyroid Gland		Degeneration	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Pharynx	Squamous Cell Papilloma	
CONTRIBUTORY CAUSE OF DEATH	- Intestine Large;Rectum	Inflammation	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
 CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
 Time Report Requested: 13:39:33
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 1-2-1,2-2-2]		
* Seminal Vesicle		Dilatation	Moderate
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
 CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
 Time Report Requested: 13:39:33
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 140 TRT#: 5 SEX: Male DAY ON TEST: 737
 DOSE: 0.0625% DISP: Terminal Sacrifice HISTO: 91-57566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 6-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
		Regeneration	Minimal
* Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 5-23]		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-22,3-21]			
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-8,2-8]		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-8,2-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Moderate
			[Hemorrhage TGLS = 1-5]
			[Hyperplasia TGLS = 1-5]
* Parathyroid Gland		Cyst	
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Mild
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Nuclear Alteration	Mild
Note: NUCLEAR ALTERATION CONSISTS OF MULTINUCLEATED HEPATOCYTES			
Note: CLEAR CELL FOCUS IS ON SLIDE 21			
[Hepatocellular Adenoma TGLS = 4-21,5-22,6-23]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
		[Hyperplasia TGLS = 1-8]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		[Hyperplasia TGLS = 1-8]	
* Preputial Gland		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Moderate
		[Inflammation TGLS = 2-8]	
		[Inflammation TGLS = 2-8]	
* Seminal Vesicle		Dilatation	Mild
		[Dilatation TGLS = 3-7]	
* Stomach, Forestomach		Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 7-4-1]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142

TRT#: 5
DOSE: 0.0625%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 91-57825

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Dysplasia	Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-22]			
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 3-5]			
[Hyperplasia TGLS = 3-5]			
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Mild
[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
[Inflammation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57567

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hypercellularity	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN ALSO ON SLIDE 6			
[Eosinophilic Focus TGLS = 5-22]			
[Hepatocellular Adenoma TGLS = 3-21]			
* Lung		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Marked
* Seminal Vesicle		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Cyst	
		Metaplasia	Osseous, Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Kupffer Cell	Hyperplasia	Moderate
	Kupffer Cell	Pigmentation	Moderate
	[Eosinophilic Focus TGLS = 4-22,5-23]		
	[Hepatocellular Carcinoma TGLS = 3-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Mild
	[Hepatocellular Carcinoma TGLS = 7-2]		
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose		Exudate	Mild
* Preputial Gland		Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Testes	Seminif Tub	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145

TRT#: 5
DOSE: 0.0625%

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 731
HISTO: 91-57826

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Mixed Cell Focus	Mild
Note: HEPATOCLR ADEN ALSO ON SLIDE 6			
[Eosinophilic Focus TGLS = 1-21]			
[Mixed Cell Focus TGLS = 1-21,3-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]	
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
* Preputial Gland		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147	TRT#: 5 DOSE: 0.0625%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO: 91-57569
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-22]		
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-21]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Moderate
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2-1]			
* Pituitary Gland	Pars Distalis	Cyst	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 687

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Cyst	
		Developmental Malformation	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Kupffer Cell	Hyperplasia	Moderate
[Cyst TGLS = 7-24]			
[Developmental Malformation TGLS = 4-21]			
[Hepatocellular Adenoma TGLS = 5-22]			
[Hepatocellular Carcinoma TGLS = 6-23]			
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-7-1]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 5
DOSE: 0.0625%

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 687
HISTO: 91-57829

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 3-6]

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

Eye		Cataract	Mild
	Cornea	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Cataract TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
[Inflammation TGLS = 1-21]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Basophilic Focus	Moderate
		Mineralization	Minimal
* Preputial Gland		Inflammation	Chronic, Marked
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 151

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Parathyroid Gland		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Edema	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 662

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Intestine Large, Cecum		Lymphoma Malignant Mixed	
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-27]			
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	
[Hepatocellular Carcinoma TGLS = 4-23]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 7-8,7-26, 6-25, 3-22, 5-24, 8-21]			
[Lymphoma Malignant Mixed TGLS = 7-8,7-26, 6-25, 3-22, 5-24, 8-21]			
[Lymphoma Malignant Mixed TGLS = 7-8,7-26, 6-25, 3-22, 5-24, 8-21]			
[Lymphoma Malignant Mixed TGLS = 7-8,7-26, 6-25, 3-22, 5-24, 8-21]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 7-8,7-26, 6-25, 3-22, 5-24]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
Note: EXTENSIVE NECROSIS ASSOCIATED WITH LYMPHOMA IN MESENTERIC LYMPH NODE; NOT CODED			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152	TRT#: 5 DOSE: 0.0625%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 662 HISTO: 91-57831
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 7-8,7-26, 6-25, 3-22, 5-24]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Preputial Gland		Ectasia	Mild
[Ectasia TGLS = 1-21]			
* Seminal Vesicle		Dilatation	Moderate
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thymus		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH	- Liver	Lymphoma Malignant Mixed
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hypertrophy	Focal, Minimal
* Epididymis		Inflammation	Chronic, Moderate
Eye		Inflammation	Chronic, Marked
[Inflammation TGLS = 1-9]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-9]			
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|-------------------|-----------------------------------------------|------------------------------|-----------------|
| * Adrenal Cortex | | Hyperplasia | Focal, Moderate |
| * Kidney | | Cyst | |
| | | Mineralization | Mild |
| | Renal Tubule | Regeneration | Mild |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLS = 2-2-1] | | |
| * Preputial Gland | | Ectasia | Moderate |
| | [Ectasia TGLS = 1-8] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 572

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 90-55431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
		[Alveolar/Bronchiolar Adenoma TGLS = 2-2-2]	
		[Alveolar/Bronchiolar Carcinoma TGLS = 1-2-1]	
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		[Alveolar/Bronchiolar Carcinoma TGLS = 3-21]	
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
		[Hyperplasia TGLS = 4-22]	

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

Animal Note: METASTATIC ALV BRON CARC ALSO PRESENT ON SLIDE 2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-22,3-23]		
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Subacute, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: ALV BRON ADEN ALSO ON SLIDE 2 [Alveolar/Bronchiolar Adenoma TGLS = 1-2-1]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 5-23]		Carcinoma	
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
[Adenoma TGLS = 6-24]			
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Nuclear Alteration	Mild
Note: NUCLEAR ALTERATION CONSISTS OF MULTINUCLEATED HEPATOCYTES [Hepatocellular Adenoma TGLS = 2-21] [Hepatocellular Carcinoma TGLS = 3-22]			
* Lung		Thrombosis	
* Lymph Node, Mesenteric [Hemorrhage TGLS = 4-5]		Hemorrhage	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Minimal
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
	[Regeneration TGLS = 4-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-22]		
* Preputial Gland		Inflammation	Suppurative, Mild
	[Inflammation TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 45

DOSE: 0.0625%

DISP: Natural Death

HISTO: 89-50140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Pituitary Gland
* Stomach, Forestomach

* Adrenal Medulla
* Lung
* Prostate
* Testes

* Bone
* Mammary Gland
* Seminal Vesicle

* Epididymis
* Nose
* Skin

MISSING

* Esophagus
* Thyroid Gland

* Gallbladder
* Trachea

* Parathyroid Gland

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Salivary Glands

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Spleen

* Intestine Large, Rectum
* Islets, Pancreatic
* Pancreas
* Stomach, Glandular

* Intestine Small, Duodenum
* Liver
* Preputial Gland
* Urinary Bladder

OBSERVATIONS

* Bone Marrow
* Brain
[Cyst TGLS = 1-1-1,1-1-2]
* Kidney

Hypercellularity
Cyst

Mild

Inflammation

Suppurative, Moderate

Note: INFLAMMATION INVOLVES PRIMARILY THE PELVIS

PRIMARY CAUSE OF DEATH

- Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Esophagus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Hypertrophy	Focal, Moderate
* Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Preputial Gland		Angiectasis	Moderate
		Ectasia	Moderate
		Inflammation	Chronic, Moderate
[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Prostate	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Parathyroid Gland		Cyst	
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Ectasia	Mild
		Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Moderate
		Hyperplasia	Lymphoid, Mild
		Dilatation	Moderate

Note: SQUAMOUS HYPERPLASIA OF DUCT EPITHELIUM

* Salivary Glands
* Seminal Vesicle
[Dilatation TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Eye [Inflammation TGLS = 1-21]		Inflammation	Chronic, Moderate
Harderian Gland [Adenoma TGLS = 2-22]		Adenoma	
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 536

DOSE: 0.0625%

DISP: Natural Death

HISTO: 90-54919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Rectum

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 1-21,2-22]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1,4-2-2]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma;Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Mild
[Ectasia TGLS = 1-8,2-8]			
* Seminal Vesicle		Dilatation	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 668

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Esophagus

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Casts Protein	Mild
	Renal Tubule	Lymphoma Malignant Mixed Regeneration	Mild
	[Lymphoma Malignant Mixed TGLS = 4-5]		
* Liver		Hepatocellular Adenoma	Multiple
	Lobules	Hepatocellular Carcinoma	
	Kupffer Cell	Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 7-23]		
	[Hepatocellular Carcinoma TGLS = 5-22]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-5]		
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
	[Ectasia TGLS = 2-8]		
* Skin		Acanthosis	Mild
		Inflammation	Subacute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167	TRT#: 5	SEX: Male	DAY ON TEST: 668
	DOSE: 0.0625%	DISP: Moribund Sacrifice	HISTO: 91-57840

ORGAN AND ACCOUNTABLE SITE STATUS

[Acanthosis TGLS = 1-21]		
[Inflammation TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]		

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lymph Node;Mesenteric Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168

TRT#: 5

SEX: Male

DAY ON TEST: 738

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Hyperplasia Hypertrophy Hypercellularity Adenoma	Focal, Mild Focal, Minimal Mild
* Bone Marrow			
Harderian Gland			
[Adenoma TGLS = 8-24]			
* Kidney	Renal Tubule Renal Tubule Renal Tubule	Atrophy Dilatation Mineralization Regeneration	Mild Mild Minimal Mild
[Atrophy TGLS = 5-5]			
[Dilatation TGLS = 5-5]			
[Regeneration TGLS = 5-5]			
* Liver		Lymphoma Malignant Mixed Necrosis	Marked
[Necrosis TGLS = 3-23]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 7-2]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-2, 2-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168	TRT#: 5 DOSE: 0.0625%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO: 91-57574
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ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Lymphoma Malignant Mixed TGLS = 6-2, 2-22]		Lymphoma Malignant Mixed Pigmentation	Mild
* Lymph Node, Mesenteric Note: LYMPH MAL MIXD (MESENTERIC NODE) ALSO ON SLIDE 5 [Lymphoma Malignant Mixed TGLS = 6-2, 2-22]		Lymphoma Malignant Mixed	
* Preputial Gland [Ectasia TGLS = 4-8] [Inflammation TGLS = 4-8]		Ectasia Inflammation	Moderate Suppurative, Moderate
* Skin [Sarcoma TGLS = 11-27] [Ulcer TGLS = 9-25,10-26]	Subcut Tiss	Sarcoma Ulcer	Marked
* Spleen Note: LESIONS ALSO PRESENT ON SLIDE 6 [Hematopoietic Cell Proliferation TGLS = 1-21] [Lymphoma Malignant Mixed TGLS = 1-21]		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Mild
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 666

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 7-23]			
* Heart		Mineralization	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Lobules	Necrosis	Marked
[Hepatocellular Carcinoma TGLS = 3-21,4-22]			
[Necrosis TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2-1]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
		Hemorrhage	Marked
[Hematopoietic Cell Proliferation TGLS = 5-5]			
[Hemorrhage TGLS = 5-5]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 8-4-1]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 666

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57841

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Carcinoma;Lung Alveolar/Bronchiolar Carcinoma

Animal Note: EROSIONS ALSO ON SLIDE 4

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Heart		Inflammation	Chronic, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Parathyroid Gland		Cyst	
* Preputial Gland		Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-22]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hydronephrosis	Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
[Hydronephrosis TGLS = 2-5]			
* Liver		Clear Cell Focus	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Skin		Acanthosis	Minimal
[Acanthosis TGLS = 1-21]			

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 172

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow	Hypercellularity	Mild
* Kidney	Cyst	
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]	Inflammation	Subacute, Minimal
* Preputial Gland	Ectasia	Moderate
* Salivary Glands	Inflammation	Chronic, Moderate
Note: INFLAMMATION INVOLVES THE SUBLINGUAL SALIVARY GLAND		
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 1-5]			
* Preputial Gland		Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ESOPHAGUS IS ON SLIDE 4

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 174

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Mild
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 2-2-2]	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pancreas		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	Mild
[Basophilic Focus TGLS = 1-21]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-22]			
* Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 176

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]	Alveolar/Bronchiolar Adenoma	
* Preputial Gland	[Ectasia TGLS = 1-8]	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 2-21]			
* Kidney	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Cyst	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Kidney		Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 179

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Prostate
* Spleen
* Thymus

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

OBSERVATIONS

Harderian Gland
* Kidney

* Parathyroid Gland

Renal Tubule

Hyperplasia
Mineralization
Regeneration
Cyst

Mild
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Prostate
* Spleen
* Thymus

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Salivary Glands
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Skin
* Testes

MISSING

* Pituitary Gland

OBSERVATIONS

* Kidney
* Preputial Gland
* Thyroid Gland

Renal Tubule

Regeneration
Ectasia
Degeneration

Minimal
Moderate
Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis	Inflammation	Chronic, Mild
Harderian Gland	Adenoma	
[Adenoma TGLS = 3-9]		
* Heart	Mineralization	Minimal
* Kidney	Mineralization	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
* Lymph Node, Mesenteric	Hemorrhage	Mild
[Hemorrhage TGLS = 2-5]		
* Seminal Vesicle	Dilatation	Moderate
* Stomach, Glandular	Ectopic Tissue	
Note: ECTOPIC TISSUE CONSISTS OF CELLS RESEMBLING MATURE HEPATOCYTES WITHIN LAMINA PROPRIA OF GLANDULAR STOMACH		
Tooth	Dysplasia	Mild

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hypertrophy	Focal, Minimal
Eye		Cataract	Moderate
[Cataract TGLS = 1-21]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-23]			
* Intestine Large, Cecum		Edema	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Hemorrhage	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
[Ectasia TGLS = 2-22]			
[Inflammation TGLS = 2-22]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Epididymis		Spermatocele	
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 589

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-55419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 5-22]		Carcinoma	
* Heart Note: DARK BLUE GRANULAR MATERIAL WITHIN MYOCARDIUM Note: MINERALIZATION CONSISTS OF MULTIPLE FOCAL DEPOSITS OF		Mineralization	Mild
* Kidney		Cyst	
		Mineralization	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Kupffer Cell	Hyperplasia	Moderate
	Kupffer Cell	Mineralization	Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 2-21,6-23]		
	[Hyperplasia TGLS = 3-6]		
	[Pigmentation TGLS = 3-6]		
* Lymph Node, Mesenteric [Hemorrhage TGLS = 4-5]		Hemorrhage	Moderate
* Preputial Gland [Ectasia TGLS = 1-8]		Ectasia	Moderate

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 703

DOSE: 0.125%

DISP: Natural Death

HISTO: 91-57793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Pituitary Gland
---------------	-------------------

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

Harderian Gland		Hyperplasia	Mild
* Heart		Thrombosis	
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	Mild
	Lobules	Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-21]	Necrosis	Moderate
* Lung		Thrombosis	
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186	TRT#: 7	SEX: Male	DAY ON TEST: 738
	DOSE: 0.125%	DISP: Terminal Sacrifice	HISTO: 91-57794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Epididymis		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
[Adenoma TGLS = 15-9]			
* Heart		Mineralization	Marked
* Kidney	Renal Tubule	Atrophy	Marked
		Cyst	
		Lymphoma Malignant Lymphocytic	
	Renal Tubule	Regeneration	Minimal
[Atrophy TGLS = 7-23]			
* Liver		Hemangiosarcoma	
		Lymphoma Malignant Lymphocytic	
		Mineralization	Moderate
[Hemangiosarcoma TGLS = 8-24,9-25]			
[Lymphoma Malignant Lymphocytic TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57794

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Lymphocytic TGLS = 2-22, 1-8,1-21, 4-5, 10-5]		
[Lymphoma Malignant Lymphocytic TGLS = 2-22, 1-8,1-21, 4-5, 10-5]		
* Lymph Node, Mandibular	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-22, 1-8,1-21, 10-5]		
* Lymph Node, Mesenteric	Hemorrhage	Mild
[Hemorrhage TGLS = 10-5]	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-22, 1-8,1-21, 10-5]		
* Pancreas	Atrophy	Marked
Note: PANCREAS IS ON SLIDE 2		
* Preputial Gland	Lymphoma Malignant Lymphocytic	
* Seminal Vesicle	Dilatation	Moderate
[Dilatation TGLS = 4-7]		
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 592

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-55420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hypercellularity	Moderate
* Liver		Mixed Cell Focus	Moderate
[Mixed Cell Focus TGLS = 3-22]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-8,1-21]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 4-5]			
* Preputial Gland		Inflammation	Chronic, Marked
[Inflammation TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

CONTRIBUTORY CAUSE OF DEATH

- Preputial Gland Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Kidney	Renal Tubule	Cyst	
		Regeneration	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 5-22]			
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Kupffer Cell	Hyperplasia	Mild
	Lobules	Necrosis	Marked
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Hepatocellular Adenoma TGLS = 12-28]			
[Hepatocellular Carcinoma TGLS = 11-27]			
[Necrosis TGLS = 10-6]			
[Squamous Cell Carcinoma TGLS = 6-23]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Alveolar/Bronchiolar Carcinoma TGLS = 13-2-1]			
[Squamous Cell Carcinoma TGLS = 13-2,13-2-1]			
Lymph Node	Inguinal	Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188	TRT#: 7 DOSE: 0.125%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO: 91-57576
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ORGAN AND ACCOUNTABLE SITE STATUS

Mediastinal Inguinal Mediastinal [Hematopoietic Cell Proliferation TGLS = 1-21, 2-8, 14-3-1] [Hematopoietic Cell Proliferation TGLS = 1-21, 2-8, 14-3-1] [Hyperplasia TGLS = 1-21, 2-8, 14-3-1] [Hyperplasia TGLS = 1-21, 2-8, 14-3-1]	Hematopoietic Cell Proliferation Hyperplasia Hyperplasia	Moderate Lymphoid, Mild Lymphoid, Mild
* Lymph Node, Mandibular [Hematopoietic Cell Proliferation TGLS = 1-21, 2-8, 14-3-1] [Hyperplasia TGLS = 1-21, 2-8, 14-3-1]	Hematopoietic Cell Proliferation Hyperplasia	Moderate Lymphoid, Mild
Mesentery Note: METASTATIC SQUAMOUS CELL CARCINOMA ALSO PRESENT ON Note: SLIDES 7 AND 10 [Squamous Cell Carcinoma TGLS = 9-26]	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Preputial Gland [Ectasia TGLS = 3-8] [Inflammation TGLS = 3-8]	Ectasia Inflammation	Marked Suppurative, Moderate
* Salivary Glands * Spleen [Hematopoietic Cell Proliferation TGLS = 7-6,7-24]	Hyperplasia Hematopoietic Cell Proliferation	Lymphoid, Mild Marked
* Stomach, Forestomach [Squamous Cell Carcinoma TGLS = 8-4,8-25]	Squamous Cell Carcinoma	
* Testes * Thymus Seminif Tub	Atrophy Atrophy	Mild Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-23]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	Moderate
		Eosinophilic Focus	Mild
[Basophilic Focus TGLS = 3-22]			
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 445

DOSE: 0.125%

DISP: Accidentally Killed

HISTO: 90-54492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Lung	Hemorrhage	Mild
* Preputial Gland	Ectasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
* Liver		Mixed Cell Focus	Moderate
Note: HEPATOCLR ADEN ALSO ON SLIDE 6-1 [Mixed Cell Focus TGLS = 2-22,5-23]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 4-2-2] [Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Chronic, Mild
		Inflammation	Granulomatous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 565

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-55421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 2-9-1,3-9-1]	Bilateral	Adenoma	
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver [Hepatocellular Adenoma TGLS = 1-21]		Hepatocellular Adenoma	

PRIMARY CAUSE OF DEATH - Harderian Gland Bilateral Adenoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Duodenum

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Moderate
* Bone Marrow		Hypercellularity	Mild
Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1-9]			
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-21]			
* Preputial Gland		Ectasia	Marked
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 2-8,3-8]			
[Inflammation TGLS = 2-8,3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Bilateral Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Kidney		Hypertrophy	Focal, Moderate
		Hydronephrosis	Mild
		Mineralization	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		[Alveolar/Bronchiolar Adenoma TGLS = 3-2]	
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Marked
* Nose		Exudate	Mild
* Preputial Gland		Ectasia	Moderate
		[Ectasia TGLS = 1-8]	
* Stomach, Forestomach		Ulcer	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
Mesentery	* Nose	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Prostate
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OBSERVATIONS

* Bone Marrow	Hypercellularity	Moderate
Harderian Gland	Adenoma	
[Adenoma TGLS = 14-25]		
* Intestine Small, Jejunum	Carcinoma	
[Carcinoma TGLS = 8-23]		
* Islets, Pancreatic	Hemorrhage	Minimal
	Hyperplasia	Minimal
* Liver	Hematopoietic Cell Proliferation	Marked
	Hemorrhage	Minimal
	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Hematopoietic Cell Proliferation TGLS = 9-6]		
[Hemorrhage TGLS = 9-6]		
[Squamous Cell Carcinoma TGLS = 9-6,10-24]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Hemorrhage	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 11-2-3,12-2-2,13-2-1]		
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-5]		
* Pancreas	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 5-22]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196	TRT#: 7 DOSE: 0.125%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 669 HISTO: 91-57800
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Ectasia	Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6,3-6]	Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach [Squamous Cell Carcinoma TGLS = 7-4]	Squamous Cell Carcinoma	
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Adenoma; Intestine Small; Jejunum Carcinoma; Lung Alveolar/Bronchiolar Adenoma

Animal Note: HEMA CELL PROL (MES. NODE) ALSO PRESENT ON SLIDE 21

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 593

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-55422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-21,3-22]		
	[Hepatocellular Carcinoma TGLS = 4-23]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1,6-2-2]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland	Bilateral	Carcinoma	
[Carcinoma TGLS = 5-9,6-9]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2-2]		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 3-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH - Harderian Gland Bilateral Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Adenoma

Animal Note: ESOPHAGUS IS ON SLIDE 4

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | | | |

MISSING

- * Prostate

OBSERVATIONS

- | | | | |
|--------------------------------|----------------|-----------------|----------------|
| * Adrenal Cortex | | Hypertrophy | Focal, Minimal |
| Harderian Gland | | Adenoma | |
| [Adenoma TGLS = 4-9] | | | |
| * Kidney | Renal Tubule | Hyperplasia | Mild |
| | | Mineralization | Mild |
| | Renal Tubule | Regeneration | Mild |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| * Preputial Gland | | Ectasia | Moderate |
| [Ectasia TGLS = 1-8,2-8] | | | |
| * Urinary Bladder | | Hemangiosarcoma | |
| [Hemangiosarcoma TGLS = 3-8] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 201

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-23]			
* Intestine Large, Cecum		Edema	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-22]		Inflammation	Subacute, Minimal
* Seminal Vesicle		Dilatation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-4-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 202

TRT#: 7

SEX: Male

DAY ON TEST: 515

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-54860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Liver [Hepatocellular Carcinoma TGLS = 2-21]	Hepatocellular Carcinoma	
* Lymph Node, Mesenteric	Pigmentation	Mild
* Preputial Gland	Ectasia	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis		Spermatocele	
* Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Mild
		Hemorrhage	Moderate
* Lymph Node, Mesenteric [Hemorrhage TGLS = 2-5]			
* Nose		Exudate	Mild
* Seminal Vesicle [Dilatation TGLS = 1-7-1]		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Preputial Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone Marrow		Hypercellularity	Mild
Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 7-24]			
* Intestine Large, Cecum		Edema	Mild
* Kidney		Casts Protein	Minimal
		Cyst	
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Hyperplasia	Moderate
	Kupffer Cell	Pigmentation	Mild
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
[Hematopoietic Cell Proliferation TGLS = 6-5]			
[Hemorrhage TGLS = 6-5]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Testes		Hemangioma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57578

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangioma TGLS = 2-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 248

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-51581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Lung
* Pancreas
* Seminal Vesicle
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Islets, Pancreatic
* Lymph Node, Mandibular
* Parathyroid Gland
* Skin
* Trachea

* Bone
* Esophagus
* Kidney
* Mammary Gland
* Prostate
* Spleen
* Urinary Bladder

* Bone Marrow
Harderian Gland
* Liver
* Nose
* Salivary Glands
* Testes

MISSING

* Gallbladder
* Stomach, Glandular

* Lymph Node, Mesenteric

* Pituitary Gland

* Stomach, Forestomach

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
* Intestine Small, Ileum

* Intestine Large, Colon
* Intestine Small, Jejunum

* Intestine Large, Rectum

* Intestine Small, Duodenum

OBSERVATIONS

* Preputial Gland
* Thymus

Ectasia
Atrophy

Moderate
Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 447

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-54493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Compression	
[Compression TGLS = 2-1]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-21]			
* Parathyroid Gland		Cyst	
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 3-1]			
* Preputial Gland		Ectasia	Marked
[Ectasia TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
[Atrophy TGLS = 4-6]			
[Atrophy TGLS = 4-6]			
* Stomach, Forestomach		Ulcer	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Carcinoma

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 207

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Duodenum	* Thymus
-----------------------------	----------

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
Eye		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-21]			
Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 5-9]			
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Subacute, Mild
	Lobules	Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 3-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 208

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

Harderian Gland		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Clear Cell Focus	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 2-22,4-24]	
		[Hepatocellular Adenoma TGLS = 1-21,3-23]	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Seminal Vesicle		Dilatation	Moderate
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 209

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 3-21,4-22]			
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Regeneration	Mild
Note: TUBULAR CARCINOMA APPEARS TO BE IN AN EARLY STAGE			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1-2-1,2-2-2]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Ectasia	Mild
* Seminal Vesicle		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Esophagus

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 1-21]		Adenoma	
* Intestine Large, Cecum		Edema	Mild
* Kidney	Renal Tubule	Mineralization	Mild
* Liver		Regeneration	Minimal
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]		Clear Cell Focus	Mild
Lymph Node [Hyperplasia TGLS = 2-8]	Inguinal	Alveolar/Bronchiolar Adenoma	Multiple
* Lymph Node, Mesenteric [Hemorrhage TGLS = 4-5]		Hyperplasia	Lymphoid, Moderate
* Preputial Gland [Inflammation TGLS = 3-8]		Hemorrhage	Moderate
		Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 212

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Colon

INSUFFICIENT TISSUE

* Esophagus

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	Moderate
		Hemangioma	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADN ALSO ON SLIDE 6			
		[Hemangioma TGLS = 4-23]	
		[Hepatocellular Adenoma TGLS = 2-21,7-25]	
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 6-2,6-2-1]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212	TRT#: 7 DOSE: 0.125%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO: 91-57581
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ORGAN AND ACCOUNTABLE SITE STATUS

Fat	Necrosis	Mild
[Hemangiosarcoma TGLS = 5-24] [Necrosis TGLS = 3-22]		
* Preputial Gland	Ectasia Inflammation	Moderate Chronic, Mild
[Ectasia TGLS = 1-8]		
* Thyroid Gland	Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

OBSERVATIONS

* Epididymis		Hypospermia	
Eye		Inflammation	Chronic, Mild
Note: INFLAMMATION INVOLVES THE CORNEA [Inflammation TGLS = 1-44]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-21]			
* Kidney	Renal Tubule	Hyperplasia	Mild
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC ALSO PRESENT ON SLIDE 2 [Alveolar/Bronchiolar Adenoma TGLS = 3-2-2] [Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
* Testes	Seminif Tub	Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	
	Mineralization	Mild
* Lung	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric	Hemorrhage	Moderate
* Seminal Vesicle	Fibrosis	Marked
[Fibrosis TGLS = 1-7]		
Tooth	Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 215

TRT#: 7

SEX: Male

DAY ON TEST: 592

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-55423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Cecum		Lymphoma Malignant Mixed	
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 12-27]			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	Moderate
		Hepatocellular Adenoma	Multiple
	Kupffer Cell	Hyperplasia	Moderate
[Basophilic Focus TGLS = 9-25]			
[Hepatocellular Adenoma TGLS = 7-23,8-24]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 14-29,10-26,13-28,5-7-1,2-8,1-21,3-22-1]			
[Lymphoma Malignant Mixed TGLS = 14-29,10-26,13-28,5-7-1,2-8,1-21,3-22-1]			
[Lymphoma Malignant Mixed TGLS = 14-29,10-26,13-28,5-7-1,2-8,1-21,3-22-1]			
[Lymphoma Malignant Mixed TGLS = 14-29,10-26,13-28,5-7-1,2-8,1-21,3-22-1]			
[Lymphoma Malignant Mixed TGLS = 14-29,10-26,13-28,5-7-1,2-8,1-21,3-22-1]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215	TRT#: 7 DOSE: 0.125%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 592 HISTO: 90-55423
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 13-28, 10-26, 2-8, 5-7-1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 13-28, 10-26, 2-8, 5-7-1]			
* Preputial Gland		Ectasia	Marked
		Hyperplasia	Moderate
		Inflammation	Suppurative, Marked
[Ectasia TGLS = 4-8]			
[Hyperplasia TGLS = 4-8]			
[Inflammation TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 6-6]			
[Lymphoma Malignant Mixed TGLS = 6-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Marked
		Ulcer	Marked
[Hyperplasia TGLS = 11-4]			
[Ulcer TGLS = 11-4]			

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Kidney		Cyst	
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-22,3-23]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
	Note: ALV BRON ADEN ALSO ON SLIDE 2		
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2-2]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Inflammation	Suppurative, Moderate
	[Inflammation TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 5-21]		Lymphoma Malignant Mixed	
* Kidney	Renal Tubule	Regeneration	Mild
* Lung Note: ALV BRON ADEN ALSO PRESENT ON SLIDE 2 [Alveolar/Bronchiolar Adenoma TGLS = 6-2-1]		Alveolar/Bronchiolar Adenoma	Multiple
* Lymph Node, Mesenteric [Hemorrhage TGLS = 4-5]		Hemorrhage	Moderate
* Preputial Gland [Inflammation TGLS = 1-8]		Inflammation	Chronic, Mild
* Seminal Vesicle [Dilatation TGLS = 2-7,2-7-1]		Dilatation	Marked
* Spleen [Lymphoma Malignant Mixed TGLS = 3-6]		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Cyst	
* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-21]		
	[Infiltration Cellular TGLS = 4-2]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 1-8,2-8]		
* Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-21]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD ALSO ON SLIDE 22			
[Hepatocellular Adenoma TGLS = 7-22]			
[Lymphoma Malignant Mixed TGLS = 5-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219	TRT#: 7	SEX: Male	DAY ON TEST: 738
	DOSE: 0.125%	DISP: Terminal Sacrifice	HISTO: 91-57584

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-8]		
[Inflammation TGLS = 1-8]		
* Skin	Ulcer	Marked
[Ulcer TGLS = 8-23]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-4-1]		
* Thymus	Atrophy	Moderate
* Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder	* Lymph Node, Mandibular
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-25]			
* Intestine Large, Cecum		Edema	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-22,3-23]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Minimal
		Thrombosis	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
		Hemorrhage	Minimal
* Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-21]			
[Inflammation TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Mucosa	Hyperplasia	Mild
* Urinary Bladder		Edema	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57585

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 705

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
		Necrosis	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Casts Protein	Minimal
		Cyst	
	Renal Tubule	Regeneration	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 656

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

Eye		Cataract	Mild
[Cataract TGLS = 1-21]			
Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 3-9,4-9]			
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON ADEN ALSO PRESENT ON SLIDE 2			
[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]			
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Bilateral Adenoma
 CONTRIBUTORY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone		Hyperostosis	Moderate
[Hyperostosis TGLS = 4-22]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 6-25]			
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-21,3-22,4-23,12-26,13-27]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	Multiple
		Hyperplasia	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 8-2-1,9-2-1]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Moderate
* Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 10-6]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone		Hyperostosis	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-24]			
* Kidney	Renal Tubule	Atrophy	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Moderate
* Liver		Hepatocellular Adenoma	
		Necrosis	Marked
[Hepatocellular Adenoma TGLS = 4-23]			
[Necrosis TGLS = 3-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Minimal
* Nose		Exudate	Mild
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
[Ectasia TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57587

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-25]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 226	TRT#: 7 DOSE: 0.125%	SEX: Male DISP: Natural Death	DAY ON TEST: 641 HISTO: 91-57813
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Bone Marrow		Hypercellularity	Marked
* Brain		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Harderian Gland	Bilateral	Adenoma	
	[Adenoma TGLS = 13-26,14-27]		
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 11-5]		
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-5,5-21]	Mineralization	Mild
* Liver		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Kupffer Cell	Hyperplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-22]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[Alveolar/Bronchiolar Carcinoma TGLS = 12-2,10-25]		
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Preputial Gland		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Ectasia	Moderate
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-8]		
	[Ectasia TGLS = 2-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 226

TRT#: 7

SEX: Male

DAY ON TEST: 641

DOSE: 0.125%

DISP: Natural Death

HISTO: 91-57813

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-8]		
[Inflammation TGLS = 2-8]		
* Salivary Glands	Inflammation	Chronic, Marked
[Inflammation TGLS = 15-8]		
* Seminal Vesicle	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Skeletal Muscle	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 7-23,8-24,9-29,9-29-1,16-28]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 17-4-1]		

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

Animal Note: METASTATIC ALV BRON CARC ADJACENT TO THYROID GL (SLIDE 3)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hemangiosarcoma	
		Inflammation	Subacute, Minimal
	[Hemangiosarcoma TGLS = 2-21]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Adenoma	
Zymbal's Gland		Carcinoma	
	[Carcinoma TGLS = 3-22]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 228

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Renal Tubule	Adenoma	
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
[Adenoma TGLS = 3-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]			
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]			
* Pituitary Gland	Pars Distalis	Cyst	
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 2-7-1]			
* Stomach, Glandular	Mucosa	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-4-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 229

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Colon	* Thymus
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OBSERVATIONS

* Bone		Hyperostosis	Moderate
[Hyperostosis TGLS = 7-24]			
Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 6-9]			
* Intestine Large, Cecum		Edema	Mild
* Kidney		Casts Protein	Mild
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-22,5-23]		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 230

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Hypertrophy	Focal, Minimal
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1,5-2-2]		
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hemorrhage	Minimal
	[Angiectasis TGLS = 3-5]		
	[Hemorrhage TGLS = 3-5]		
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Moderate
	[Ectasia TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		
* Skin		Mast Cell Tumor Benign	
	[Mast Cell Tumor Benign TGLS = 2-21]		
* Spleen		Infiltration Cellular	Mast Cell, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 230

TRT#: 7

SEX: Male

DAY ON TEST: 738

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57815

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 231

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Preputial Gland		Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland		Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-2,1-2-1]		
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 2-21]		
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 234

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung	Alveolar Epith	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 235

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 236

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 2-21,3-22]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Mucosa	Hyperplasia	Mild
Note: HYPERPLASIA CONSISTS OF INDENTATIONS AND GLAND-LIKE			
Note: NASAL SECTION			
Note: FORMATIONS IN THE RESPIRATORY EPITHELIUM OF THE FIRST			
* Preputial Gland		Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

Harderian Gland	Adenoma	
* Liver	Clear Cell Focus	Mild
[Clear Cell Focus TGLS = 2-21]		
* Preputial Gland	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 1-21]		Adenoma	
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Harderian Gland	Hyperplasia	Moderate
* Preputial Gland	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 240

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mandibular
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Casts Protein	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-21]		
* Preputial Gland		Ectasia	Mild
	[Ectasia TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Kidney	Casts Protein	Minimal
* Uterus	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 631

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-55810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Intestine Large, Cecum		Edema	Moderate
* Kidney		Casts Protein	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-6]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-22, 4-21, 4-21, 5-22]			
[Hyperplasia TGLS = 5-22, 4-21, 4-21, 5-22]			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Glandular		Edema	Mild
* Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 631

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-55810

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Ovary		Cyst	
[Cyst TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hydrometra	Mild
		Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
* Liver		Eosinophilic Focus	
	[Hepatocellular Adenoma TGLS = 3-22-1]	Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
		Myelofibrosis	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
* Lung		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	
* Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild

[Hydrometra TGLS = 1-7-1]

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 1-21]	Peyers Patch	Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Subacute, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Ovary		Angiectasis	Mild
		Cyst	
* Thyroid Gland		Degeneration	Cystic, Moderate
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hemangioma	
		Hypercellularity	Mild
		Myelofibrosis	Mild
* Kidney		Casts Protein	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Ovary	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Liver		Inflammation	Subacute, Mild
	Kupffer Cell	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Kidney		Casts Protein	Minimal
	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Thymus		Ectopic Parathyroid Gland	
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Histiocytic Sarcoma	
		Hyperplasia	Cystic, Moderate
[Histiocytic Sarcoma TGLS = 2-7-1]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Lymphoma Malignant Mixed	
* Liver		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Mild
[Hepatocellular Adenoma TGLS = 3-21,4-22,6-24]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Hyperplasia TGLS = 2-7]			
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 251

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Liver	Lobules	Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus		Hydrometra	Marked
		Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 252

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
	Capsule	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-21]		
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: NUCLEAR CELLS IN SUBCUTIS ADJACENT TO SALIVARY

Animal Note: GLAND (SLIDE 8); NOT CODED

Animal Note: INFILTRATION OF MAST CELLS & OTHER UNIDENTIFIED MONO-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Lymph Node, Mesenteric Mesentery [Necrosis TGLS = 1-21]	Fat	Lymphoma Malignant Mixed Necrosis	Moderate
* Ovary [Adenoma TGLS = 2-7]		Adenoma	
* Uterus [Hyperplasia TGLS = 3-7]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 569

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-55417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Duodenum [Ulcer TGLS = 5-23]		Ulcer	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
* Liver		Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
[Degeneration TGLS = 4-22]			
[Hepatocellular Adenoma TGLS = 3-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
Peripheral Nerve		Atrophy	Mild
Note: ATROPHY INVOLVES THE SCIATIC NERVE			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-4-2]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 255

TRT#: 2

SEX: Female

DAY ON TEST: 631

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-55811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Hypercellularity	Marked
Harderian Gland		Adenoma	
[Adenoma TGLS = 10-24]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Mild
[Regeneration TGLS = 6-5]			
* Liver		Hematopoietic Cell Proliferation	Marked
	Kupffer Cell	Hyperplasia	Marked
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Marked
	Iliac	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 9-23, 7-21, 8-22]			
[Hyperplasia TGLS = 9-23, 7-21, 8-22]			
[Hyperplasia TGLS = 9-23, 7-21, 8-22]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-21, 8-22, 9-23]			
* Ovary		Cyst	
		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 255

TRT#: 2

SEX: Female

DAY ON TEST: 631

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-55811

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-7]

[Inflammation TGLS = 2-7]

* Pituitary Gland

Pars Distalis

Cyst

* Spleen

Hematopoietic Cell Proliferation

Marked

[Hematopoietic Cell Proliferation TGLS = 5-6]

* Uterus

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 4-7]

[Inflammation TGLS = 4-7]

Inflammation

Suppurative, Moderate

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:33

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 256

TRT#: 2

SEX: Female

DAY ON TEST: 705

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 91-57730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
Harderian Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 10-22]			
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
* Liver	Kupffer Cell	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6]		Hyperplasia	Marked
[Hyperplasia TGLS = 5-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 9-2]		Infiltration Cellular	Histiocyte, Moderate
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Moderate
	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Marked
[Hematopoietic Cell Proliferation TGLS = 6-5, 7-21]			
[Hyperplasia TGLS = 1-8,8-2,8-2-1,7-21,6-5,7-22]			
[Hyperplasia TGLS = 1-8,8-2,8-2-1,7-21,6-5,7-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-5, 8-2,8-2-1, 1-8, 7-21]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 6-5, 7-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:33
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 256	TRT#: 2	SEX: Female	DAY ON TEST: 705
	DOSE: UNTREATD CONTROL	DISP: Moribund Sacrifice	HISTO: 91-57730

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 6-5] [Hyperplasia TGLS = 6-5, 8-2,8-2-1, 1-8, 7-21]			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-23,3-23]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia Ulcer	Moderate Mild
[Hyperplasia TGLS = 11-4-1] [Ulcer TGLS = 12-4-2]			
* Stomach, Glandular		Erosion	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Ovary	Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma;Stomach;Forestomach Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257 TRT#: 2 SEX: Female DAY ON TEST: 743
DOSE: UNTREATD CONTROL DISP: Terminal Sacrifice HISTO: 91-57594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Renal Tubule	Atrophy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Pigmentation	Moderate
* Ovary		Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 258

TRT#: 2

SEX: Female

DAY ON TEST: 484

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 90-54858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Bone Marrow		Hypercellularity	Mild
* Kidney		Casts Protein	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Hyperplasia	Moderate
* Lung		Inflammation	Subacute, Mild
		Thrombosis	Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 7-22, 7-22, 6-21, 6-21]		
	[Hyperplasia TGLS = 7-22, 7-22, 6-21, 6-21]		
* Ovary		Inflammation	Suppurative, Marked
	[Inflammation TGLS = 2-7-1,3-7]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 5-6]		
* Thymus		Atrophy	Moderate
* Uterus		Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLS = 4-7]		

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 259

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Liver		Developmental Malformation	
		Hematopoietic Cell Proliferation	Marked
		Hyperplasia	Lymphoid, Mild
[Developmental Malformation TGLS = 4-23]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Angiectasis	Moderate
Note: THROMBUS ASSOCIATED WITH ANGIECTASIS IN MES. LYMPH NODE; NOT CODED			
* Ovary		Cyst	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6,2-22]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra	Moderate
		Polyp Stromal	
[Hydrometra TGLS = 3-7]			
[Polyp Stromal TGLS = 1-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
 CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
 Time Report Requested: 13:39:34
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 260 TRT#: 2 SEX: Female DAY ON TEST: 743
 DOSE: UNTREATD CONTROL DISP: Terminal Sacrifice HISTO: 91-57731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Liver		Eosinophilic Focus	Moderate
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS IS ON SLIDE 7-1			
* Ovary		Angiectasis	Moderate
* Pancreas		Atrophy	Marked
		Cyst	
[Cyst TGLS = 1-7-1]			
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 261

TRT#: 2

SEX: Female

DAY ON TEST: 648

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 91-57732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex [Hematopoietic Cell Proliferation TGLS = 6-10]		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Hypercellularity	Mild
* Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Hyperplasia	Marked
Lymph Node [Hyperplasia TGLS = 7-21]	Renal	Hyperplasia	Lymphoid, Marked
* Ovary [Inflammation TGLS = 2-7-1,3-7-1]		Inflammation	Suppurative, Marked
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-6]		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
[Hyperplasia TGLS = 4-7]			
[Inflammation TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 262

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]			
* Ovary		Angiectasis	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
		Hyperplasia	Lymphoid, Mild
	Lobules	Necrosis	Moderate
	Kupffer Cell	Pigmentation	Mild
	[Hepatocellular Carcinoma TGLS = 4-21]		
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
	[Hyperplasia TGLS = 3-6]		
* Uterus		Hydrometra	Marked
		Hyperplasia	Cystic, Moderate
	[Hydrometra TGLS = 1-7,2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 264

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Rectum	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Subacute, Minimal
Note: CLEAR CELL FOCUS IS ON SLIDE 23			
[Eosinophilic Focus TGLS = 5-23]			
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-5]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
[Hyperplasia TGLS = 4-22]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 265

TRT#: 2

SEX: Female

DAY ON TEST: 571

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 90-55418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney		Casts Protein	Minimal
* Liver		Hematopoietic Cell Proliferation	Marked
	Kupffer Cell	Hyperplasia	Marked
* Lung		Hemorrhage	Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 6-21, 6-21, 8-22, 8-22]		
	[Hyperplasia TGLS = 6-21, 6-21, 8-22, 8-22]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 6-21, 8-22]	Pigmentation	Moderate
* Ovary		Inflammation	Suppurative, Marked
	[Inflammation TGLS = 2-7-1,3-7-1]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 5-6]		
* Urinary Bladder		Edema	Moderate
* Uterus		Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLS = 4-7]	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265	TRT#: 2	SEX: Female	DAY ON TEST: 571
	DOSE: UNTREATD CONTROL	DISP: Natural Death	HISTO: 90-55418

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 4-7]

PRIMARY CAUSE OF DEATH - Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 266

TRT#: 2

SEX: Female

DAY ON TEST: 640

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 91-57734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Lung [Alveolar/Bronchiolar Adenoma TGLS = 2-2-1,3-2-2]	Alveolar/Bronchiolar Adenoma	Multiple
* Ovary	Angiectasis	Mild
* Uterus [Hyperplasia TGLS = 1-7]	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 267	TRT#: 2 DOSE: UNTREATD CONTROL	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 646 HISTO: 91-57735
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
* Bone Marrow		Hypercellularity	Marked
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 13-9]			
* Kidney		Casts Protein	Moderate
	Renal Tubule	Dilatation	Moderate
		Glomerulosclerosis	Moderate
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Marked
[Casts Protein TGLS = 6-5]			
[Dilatation TGLS = 6-5]			
[Glomerulosclerosis TGLS = 6-5]			
[Regeneration TGLS = 6-5]			
* Liver		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL ALSO ON SLIDE 6			
[Hematopoietic Cell Proliferation TGLS = 8-23]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 12-2]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 267

TRT#: 2

SEX: Female

DAY ON TEST: 646

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 91-57735

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 11-2,11-2-1, 1-21,2-22, 10-25,9-24]			
[Hyperplasia TGLS = 11-2,11-2-1, 1-21,2-22, 10-25,9-24]			
[Hyperplasia TGLS = 11-2,11-2-1, 1-21,2-22, 10-25,9-24]			
* Lymph Node, Mandibular		Carcinoma Hyperplasia	Metastatic (Harderian Gland) Lymphoid, Marked
[Carcinoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 11-2,11-2-1, 1-21,2-22, 10-25,]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 11-2,11-2-1, 1-21,2-22, 10-25,]			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-7]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
[Hyperplasia TGLS = 14-4-1]			
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 268

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Bone		Hyperostosis	Moderate
[Hyperostosis TGLS = 4-21]			
* Kidney		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-6]			
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 2-7]		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 269

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Ovary		Angiectasis	Mild
* Skin	Sebaceous GI	Carcinoma	
[Carcinoma TGLS = 1-21]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7,4-7]		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 270

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Marked
		Metaplasia	Squamous, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 271

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Basophilic Focus	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Glandular		Inflammation	Subacute, Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

Blood Vessel		Inflammation	Subacute, Moderate
Note: INFLAMMATION INVOLVES VARIOUS BLOOD VESSELS ON SEVERAL DIFFERENT SLIDES			
* Kidney		Casts Protein	Minimal
		Cyst	
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-22,3-23]			
* Lung		Hemorrhage	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
		Ulcer	Mild
[Hyperplasia TGLS = 5-24]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus		Angiectasis	Mild
		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57600

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 4-7]

[Hyperplasia TGLS = 4-7]

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 274

TRT#: 2

SEX: Female

DAY ON TEST: 499

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-54859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone	Osteosarcoma	
[Osteosarcoma TGLS = 3-21]		
* Brain	Hemorrhage	Moderate
[Hemorrhage TGLS = 4-1]		
* Kidney	Casts Protein	Minimal
* Spleen	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 275	TRT#: 2	SEX: Female	DAY ON TEST: 743
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Moderate
* Ovary		Cyst	
* Thyroid Gland	Follicle	Cyst	
[Cyst TGLS = 4-3]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 276

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]			
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 277 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 743
DOSE: UNTREATD CONTROL **DISP:** Terminal Sacrifice **HISTO:** 91-57601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Trachea	* Uterus		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-6]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3-1]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Mammary Gland		Hyperplasia	Lobular, Mild
* Ovary		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Salivary Glands		Lymphoma Malignant Mixed	
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6-1,1-21]		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-6-1,1-21]			
* Stomach, Glandular		Ectopic Tissue	
Note: ECTOPIC TISSUE RESEMBLES MATURE HEPATOCYTES	Mucosa	Hyperplasia	Moderate
Note: THE HYPERPLASTIC AREA CONTAINS MULTIFOCAL MINERALIZATION; NOT CODED			
* Thymus		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 277

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57601

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Minimal

* Urinary Bladder

Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Hyperplasia	Lymphoid, Mild
* Nose	Exudate	Minimal
* Ovary	Cyst	
* Thyroid Gland	Degeneration	Cystic, Minimal
* Uterus	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 279

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Gallbladder		Lymphoma Malignant Lymphocytic	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
* Lung		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
* Salivary Glands		Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-6-1,3-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Ulcer	Mild
Note: FORESTOMACH HYPERPLASIA IS ALSO PRESENT ON SLIDE 4			
[Hyperplasia TGLS = 5-23]			
* Thyroid Gland	Follicular Cel	Adenoma	
		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 280

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-23]			
* Ovary		Cyst	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 281

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Kidney	Casts Protein	Minimal
	Hyperplasia	Lymphoid, Mild
* Lung	Hyperplasia	Lymphoid, Mild
* Ovary	Angiectasis	Marked
[Angiectasis TGLS = 2-7]		
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Adenoma Inflammation	Multiple Subacute, Mild
Note: PORTION OF HEPATOCLR ADEN ON SLIDE 6 [Hepatocellular Adenoma TGLS = 2-21,3-22,4-23]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Glandular		Inflammation	Subacute, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 283

TRT#: 2

SEX: Female

DAY ON TEST: 447

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-54494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Atrophy	Marked
* Bone Marrow		Hypercellularity	Mild
		Necrosis	Mild
Note: HYPERCELLULRTY CONSISTS OF INCREASED RATIO OF MYELOID CELLS			
Harderian Gland		Adenoma	
* Kidney	Renal Tubule	Dilatation	Mild
		Mineralization	Marked
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Atrophy	Moderate
		[Atrophy TGLS = 1-6]	
		[Atrophy TGLS = 1-6]	
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Ulcer	Mild
Note: FORESTOMACH ULCERATION & HYPERPLASIA ALSO ON SLIDE 4			
		[Hyperplasia TGLS = 2-21]	
		[Ulcer TGLS = 2-21]	
* Thymus		Atrophy	Moderate
* Urinary Bladder	Mucosa	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284	TRT#: 2	SEX: Female	DAY ON TEST: 743
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Adenoma	Minimal Multiple
Note: HEPATOCLR ADEN ALSO ON SLIDE 6 [Hepatocellular Adenoma TGLS = 3-21]			
* Ovary	Bilateral	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 2-6]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 285

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Metaplasia	Osseous, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular		Hyperplasia	Lymphoid, Moderate
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 286

TRT#: 2

SEX: Female

DAY ON TEST: 618

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-55812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney		Casts Protein	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Kupffer Cell	Hyperplasia	Mild
	Lobules	Necrosis	Minimal
* Ovary		Cyst	
* Parathyroid Gland		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Moderate

[Angiectasis TGLS = 2-7]

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Uterus Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Subacute, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Parathyroid Gland		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus		Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 288

TRT#: 2

SEX: Female

DAY ON TEST: 743

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: 91-57746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Angiectasis	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Cyst	
[Adenoma TGLS = 1-3]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 289	TRT#: 2	SEX: Female	DAY ON TEST: 743
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: 91-57605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	Marked
	[Hepatocellular Adenoma TGLS = 3-22]		
	[Mixed Cell Focus TGLS = 2-21]		
* Nose		Exudate	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
	[Hydrometra TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290 TRT#: 2 SEX: Female DAY ON TEST: 624
DOSE: UNTREATD CONTROL DISP: Natural Death HISTO: 90-55813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	Lobules	Necrosis	Marked
	[Hepatocellular Adenoma TGLS = 4-21]		
	[Necrosis TGLS = 5-22]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Uterus	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 292

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Mammary Gland	* Skin
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OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
Harderian Gland		Adenoma	
* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Subacute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
* Kidney	Cyst	
* Uterus	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

Animal Note: ESOPHAGUS IS PRESENT ON SLIDE 2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294

TRT#: 2

SEX: Female

DAY ON TEST: 285

DOSE: UNTREATD CONTROL

DISP: Moribund Sacrifice

HISTO: 90-51582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Clitoral Gland		Ectasia	Moderate
* Heart		Lymphoma Malignant Lymphocytic	
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP ALSO ON SLIDE 6			
[Lymphoma Malignant Lymphocytic TGLS = 5-21]			
* Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPHOMA INVOLVES THE MEDIASTINUM			
[Lymphoma Malignant Lymphocytic TGLS = 8-22]			
Lymph Node	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-23]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-23]			
* Ovary		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-7,3-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294	TRT#: 2	SEX: Female	DAY ON TEST: 285
	DOSE: UNTREATD CONTROL	DISP: Moribund Sacrifice	HISTO: 90-51582

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 9-4-1]		
* Stomach, Glandular	Inflammation Lymphoma Malignant Lymphocytic	Subacute, Moderate
[Lymphoma Malignant Lymphocytic TGLS = 10-4-1]		
* Thymus	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 7-2-1]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant Lymphocytic
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 295

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Gallbladder	* Trachea
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OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
* Parathyroid Gland	Ectopic Tissue	
* Uterus	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone	Hyperostosis	Mild
* Clitoral Gland	Ectasia	Moderate
* Nose	Exudate	Minimal
* Uterus	Hyperplasia	Cystic, Moderate
	Inflammation	Suppurative, Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 297

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]	Alveolar/Bronchiolar Adenoma	
* Uterus	[Hyperplasia TGLS = 1-7]	Hyperplasia Inflammation	Cystic, Mild Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 407

DOSE: UNTREATD CONTROL

DISP: Natural Death

HISTO: 90-52900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Lung	* Mammary Gland	* Nose	* Salivary Glands
* Skin	* Uterus		

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Esophagus	* Gallbladder
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
* Ovary	Inflammation	Suppurative, Marked

[Inflammation TGLS = 2-7-1]

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 299

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
* Kidney		Casts Protein	Minimal
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]		
* Ovary		Cyst	
	[Cyst TGLS = 1-7]		
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 300

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: UNTREATD CONTROL

DISP: Scheduled Sacrifice

HISTO: 90-54431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
* Liver		Inflammation	Subacute, Minimal
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Clitoral Gland
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Ovary
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Pancreas
- * Skin
- * Thymus

- * Brain
- Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

OBSERVATIONS

- * Adrenal Cortex
- * Kidney
- * Liver
- * Uterus

- Renal Tubule
- Lobules

- Accessory Adrenal Cortical Nodule
- Regeneration
- Necrosis
- Hyperplasia

- Minimal
- Minimal
- Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 668

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Casts Protein	Mild
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Hepatocellular Carcinoma	
		Hyperplasia	Lymphoid, Mild
	[Hepatocellular Carcinoma TGLS = 3-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Hyperplasia	Lymphoid, Mild
	[Hepatocellular Carcinoma TGLS = 5-2-1]		
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 4-22]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 4-22]		
* Pancreas		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Uterus		Hydrometra	Mild
	[Hydrometra TGLS = 1-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 668

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57915

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 692

DOSE: 0.0312%

DISP: Natural Death

HISTO: 91-57916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Liver		Hepatocellular Carcinoma	
	Centrilobular	Necrosis	Moderate
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Mild
	[Angiectasis TGLS = 1-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Uterus Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
 CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
 Time Report Requested: 13:39:34
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 304 TRT#: 4 SEX: Female DAY ON TEST: 386
 DOSE: 0.0312% DISP: Moribund Sacrifice HISTO: 90-52849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Esophagus

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Mixed	
* Heart		Thrombosis	
[Thrombosis TGLS = 11-26]			
* Kidney		Casts Protein	Minimal
		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
	Lobules	Necrosis	Moderate
[Lymphoma Malignant Mixed TGLS = 7-6]			
* Lung		Hemorrhage	Mild
		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	Pancreatic	Necrosis	Marked
[Lymphoma Malignant Mixed TGLS = 10-2,4-7,3-22,1-8,2-21,2-8,8-24,9-25]			
[Lymphoma Malignant Mixed TGLS = 10-2,4-7,3-22,1-8,2-21,2-8,8-24,9-25]			
[Lymphoma Malignant Mixed TGLS = 10-2,4-7,3-22,1-8,2-21,2-8,8-24,9-25]			
[Lymphoma Malignant Mixed TGLS = 10-2,4-7,3-22,1-8,2-21,2-8,8-24,9-25]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 386

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-52849

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 10-2,4-7,3-22,1-8,2-21,2-8,8-24,9-25]		
[Lymphoma Malignant Mixed TGLS = 10-2,4-7,3-22,1-8,2-21,2-8,8-24,9-25]		
[Necrosis TGLS = 6-23]		
* Lymph Node, Mandibular	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-7, 2-8, 3-22, 9-25]		
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-8, 3-22, 9-25, 10-2]		
* Mammary Gland	Hyperplasia	Lobular, Mild
	Hyperplasia	Cystic, Minimal
* Pancreas	Lymphoma Malignant Mixed	
* Spleen	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-6]		
* Stomach, Forestomach	Diverticulum	Mild
* Thymus	Atrophy	Moderate
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 305	TRT#: 4	SEX: Female	DAY ON TEST: 743
	DOSE: 0.0312%	DISP: Terminal Sacrifice	HISTO: 91-57606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 5-24]		Carcinoma	
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN ALSO ON SLIDE 6 [Hepatocellular Adenoma TGLS = 3-22]		Mixed Cell Focus	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-23]		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 2-21]			
* Thyroid Gland	Follicular Cel	Degeneration	Cystic, Mild
		Hyperplasia	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Carcinoma	
		Hydrometra	Marked
[Hydrometra TGLS = 1-7]		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	

OBSERVATIONS

* Bone Marrow		Hypercellularity Lymphoma Malignant Mixed Myelofibrosis	Moderate Moderate
* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-25]			
* Lung		Hyperplasia	Lymphoid, Mild
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
Note: PANCREATIC LYMPH NODE IS ON SLIDE 24			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Sarcoma Stromal TGLS = 4-23]		Sarcoma Stromal	Metastatic (Uterus)
* Pancreas		Atrophy	Moderate
		Sarcoma Stromal	Metastatic (Uterus)
Note: PANCREATIC ATROPHY IS ON SLIDE 5			
[Sarcoma Stromal TGLS = 3-24]			
* Salivary Glands		Lymphoma Malignant Mixed	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 2-6,2-22]			
[Lymphoma Malignant Mixed TGLS = 2-6,2-22]			
* Stomach, Glandular		Sarcoma Stromal	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 306

TRT#: 4
DOSE: 0.0312%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 743
HISTO: 91-57607

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant Mixed	
* Uterus		Hyperplasia	Cystic, Moderate
		Sarcoma Stromal	

[Sarcoma Stromal TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 307	TRT#: 4 DOSE: 0.0312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 91-57608
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Eye [Cataract TGLS = 1-21]		Cataract	Mild
Harderian Gland [Carcinoma TGLS = 3-22]		Carcinoma	
* Kidney		Casts Protein	Minimal
* Lung [Carcinoma TGLS = 4-2-1]		Carcinoma	Metastatic (Harderian Gland)
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]		Hematopoietic Cell Proliferation Pigmentation	Mild Hemosiderin, Mild
* Uterus		Hyperplasia Inflammation	Cystic, Moderate Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 635

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Hypercellularity	Moderate
	Myelofibrosis	Mild
Harderian Gland	Carcinoma	
[Carcinoma TGLS = 4-21]		
* Lung	Carcinoma	Metastatic (Harderian Gland)
	Infiltration Cellular	Histiocyte, Mild
[Carcinoma TGLS = 3-2-1]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric	Angiectasis	Moderate
	Hematopoietic Cell Proliferation	Mild
* Parathyroid Gland	Cyst	
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Uterus	Hemangioma	
	Hyperplasia	Cystic, Mild
	Metaplasia	Squamous, Mild
[Hemangioma TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 309	TRT#: 4 DOSE: 0.0312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 91-57609
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Ovary	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex [Carcinoma TGLS = 3-21]	Capsule	Carcinoma	
* Bone Marrow Harderian Gland [Adenoma TGLS = 5-23-2]		Myelofibrosis Adenoma	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver [Hepatocellular Adenoma TGLS = 4-22]		Hepatocellular Adenoma	
* Lung		Carcinoma	Metastatic (Adrenal Cortex)
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach [Hyperplasia TGLS = 6-24]	Mucosa	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus [Deciduoma Benign TGLS = 2-7] [Hyperplasia TGLS = 1-7,2-7]		Deciduoma Benign Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 677

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	
* Lung	Hyperplasia	Lymphoid, Mild
* Ovary	Cyst	
[Cyst TGLS = 2-7]		
* Thyroid Gland	Degeneration	Cystic, Minimal
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 606

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-55632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney	Renal Tubule	Casts Protein Dilatation Hyperplasia Regeneration Hepatocellular Carcinoma	Mild Minimal Lymphoid, Mild Moderate
* Liver			
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Harderian Gland	Adenoma	
* Lymph Node, Mesenteric	Hemorrhage	Minimal
* Ovary	Angiectasis	Mild
	Cyst	
[Cyst TGLS = 1-7]		
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 669

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7,2-7-1]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Lobules	Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-21,3-22]	Necrosis	Minimal
* Ovary		Angiectasis	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney		Metaplasia	Osseous, Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
Note: FIBROUS HISTIOCYTOMA IS ALSO ON SLIDE 6			
			[Eosinophilic Focus TGLS = 4-24]
			[Hepatocellular Adenoma TGLS = 2-22]
			[Histiocytic Sarcoma TGLS = 3-23,9-26]
* Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
		Infiltration Cellular	Histiocyte, Mild
			[Alveolar/Bronchiolar Adenoma TGLS = 8-2-1]
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
			[Histiocytic Sarcoma TGLS = 7-5]
* Mammary Gland			
Note: MAMMARY GLAND PRESENT ON SLIDES 8-1 AND 21			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 315	TRT#: 4	SEX: Female	DAY ON TEST: 743
	DOSE: 0.0312%	DISP: Terminal Sacrifice	HISTO: 91-57610

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 5-6-1,5-25]			
[Hyperplasia TGLS = 5-6-1,5-25]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 6-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 655

DOSE: 0.0312%

DISP: Natural Death

HISTO: 91-57922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

Mesentery [Necrosis TGLS = 4-22]	Fat	Necrosis	Moderate
* Ovary [Cyst TGLS = 3-7]		Cyst	
* Skin [Inflammation TGLS = 5-23] [Schwannoma Malignant TGLS = 1-21-1]	Subcut Tiss	Inflammation Schwannoma Malignant	Subacute, Moderate
* Uterus [Hyperplasia TGLS = 2-7]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 513

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-54867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Undifferentiated Cell Type	
* Bone Marrow		Lymphoma Malignant Undifferentiated Cell Type	
* Kidney		Lymphoma Malignant Undifferentiated Cell Type	
	Renal Tubule	Regeneration	Minimal
* Liver		Lymphoma Malignant Undifferentiated Cell Type	
* Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Axillary	Lymphoma Malignant Undifferentiated Cell Type	
	Iliac	Lymphoma Malignant Undifferentiated Cell Type	
	Inguinal	Lymphoma Malignant Undifferentiated Cell Type	
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 11-3-1, 4-22, 8-5, 2-8, 1-21, 10-25, 9-24]		
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 11-3-1, 4-22, 8-5, 2-8, 1-21, 10-25, 9-24]		
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 11-3-1, 4-22, 8-5, 2-8, 1-21, 10-25, 9-24]		
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 11-3-1, 4-22, 8-5, 2-8, 1-21, 10-25, 9-24]		
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 11-3-1, 4-22, 8-5, 2-8, 1-21, 10-25, 9-24]		
* Lymph Node, Mandibular		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 11-3-1, 4-22, 8-5, 2-8]		
* Lymph Node, Mesenteric		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 11-3-1, 4-22, 8-5, 2-8]		
Mesentery		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 7-23]		
* Ovary		Lymphoma Malignant Undifferentiated Cell Type	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 513

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-54867

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Lymphoma Malignant Undifferentiated Cell Type	
Peripheral Nerve	Lymphoma Malignant Undifferentiated Cell Type	
* Spleen	Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 6-6]		
* Stomach, Forestomach	Lymphoma Malignant Undifferentiated Cell Type	
* Stomach, Glandular	Lymphoma Malignant Undifferentiated Cell Type	
* Thymus	Atrophy	Moderate
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Mild
	Lymphoma Malignant Undifferentiated Cell Type	
[Hyperplasia TGLS = 5-7]		

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant Undifferentiated Cell Type

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318	TRT#: 4 DOSE: 0.0312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 91-57611
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-22]		
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Ulcer	Mild
	[Hyperplasia TGLS = 4-23]		
* Uterus		Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Casts Protein	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.0312%

DISP: Natural Death

HISTO: 91-57924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
Harderian Gland		Adenoma	
Note: ADENOMA ALSO ON SLIDE 9			
[Adenoma TGLS = 9-23]			
* Liver		Basophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Hyperplasia	Moderate
* Lung		Thrombosis	
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 7-21]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-7,4-7-1]			
* Parathyroid Gland		Cyst	
* Skin	Subcut Tiss	Hemangioma	
		Inflammation	Suppurative, Marked
Note: HEMANGIOMA IS ON SLIDE 22			
[Inflammation TGLS = 8-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Thymus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.0312%

DISP: Natural Death

HISTO: 91-57924

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Adenoma;Thymus Histiocytic Sarcoma

Animal Note: MICROTHROMBI IN KIDNEY; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321	TRT#: 4 DOSE: 0.0312%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 579 HISTO: 90-55436
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma Hypercellularity	Moderate
* Kidney	Renal Tubule	Casts Protein Cytoplasmic Alteration	Minimal Moderate
* Liver	Lobules	Hematopoietic Cell Proliferation Hepatocellular Carcinoma Histiocytic Sarcoma Necrosis	Moderate Marked
	[Hematopoietic Cell Proliferation TGLS = 5-6]		
	[Hepatocellular Carcinoma TGLS = 6-21]		
	[Histiocytic Sarcoma TGLS = 5-6]		
	[Necrosis TGLS = 5-6]		
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Uterus		Histiocytic Sarcoma Hyperplasia	Cystic, Mild
	[Histiocytic Sarcoma TGLS = 3-7]		
	[Hyperplasia TGLS = 2-7]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 579

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-55436

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hematopoietic Cell Proliferation

CONTRIBUTORY CAUSE OF DEATH

- Lung Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 3-9]		Adenoma	
* Islets, Pancreatic		Adenoma	
* Liver		Inflammation	Subacute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
Note: FOCAL AREA OF FIBROSIS WITHIN ENDOMETRIUM; NOT CODED			
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 670

DOSE: 0.0312%

DISP: Natural Death

HISTO: 91-57928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lung		Thrombosis	
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Pancreas		Atrophy	Marked
[Cyst TGLS = 2-7-1]		Cyst	
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 4-4-1]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325	TRT#: 4	SEX: Female	DAY ON TEST: 743
	DOSE: 0.0312%	DISP: Terminal Sacrifice	HISTO: 91-57929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-22,3-23]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-4-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 677

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Compression	
[Compression TGLS = 5-1-1]			
Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrous Histiocytoma

CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Adenoma;Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327	TRT#: 4 DOSE: 0.0312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 91-57612
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Liver		Basophilic Focus	Moderate
		Lymphoma Malignant Undifferentiated Cell Type	
[Basophilic Focus TGLS = 2-22]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 1-6,1-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Clear Cell Focus	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 2-21]	Regeneration	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Angiectasis	Mild
	[Hyperplasia TGLS = 1-7]	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Casts Protein	Mild
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-22,3-23]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-24]	Infiltration Cellular	Histiocyte, Marked
* Lymph Node, Mesenteric	Hemorrhage	Minimal
[Hemorrhage TGLS = 6-5]		
* Ovary	Angiectasis	Mild
* Skin	Acanthosis	Minimal
[Acanthosis TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Uterus	Angiectasis	Mild
[Hyperplasia TGLS = 5-7]	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 331

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Cyst	
		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Hypercellularity	Marked
* Liver		Hematopoietic Cell Proliferation	Marked
	Kupffer Cell	Hyperplasia	Moderate
* Lung		Hemorrhage	Moderate
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-21]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Parathyroid Gland		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Uterus		Angiectasis	Marked
		Inflammation	Suppurative, Mild
[Angiectasis TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Uterus Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 331

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57933

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: PARATHYROID GL & PORTION OF THYROID GL ARE ON SLIDE 8

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 619

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-55817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Ileum		Amyloid Deposition	Moderate
* Kidney		Lymphoma Malignant Undifferentiated Cell Type	
* Liver		Lymphoma Malignant Undifferentiated Cell Type	
	Lobules	Necrosis	Minimal
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 8-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Undifferentiated Cell Type	
		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Iliac		
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 9-5, 2-8, 11-22]		
* Lymph Node, Mandibular		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 9-5, 2-8, 11-22]		
* Lymph Node, Mesenteric		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 9-5, 2-8, 11-22]		
* Ovary		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 4-7]		
* Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Lymphoma Malignant Undifferentiated Cell Type	
* Skin		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 1-21]		
* Spleen		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 5-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 619

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-55817

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 10-4]

Lymphoma Malignant Undifferentiated Cell Type

* Stomach, Glandular
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 10-4]

Lymphoma Malignant Undifferentiated Cell Type

* Thymus
Lymphoma Malignant Undifferentiated Cell Type

* Urinary Bladder
Lymphoma Malignant Undifferentiated Cell Type

* Uterus
[Hyperplasia TGLS = 3-7]
Hyperplasia Cystic, Mild

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant Undifferentiated Cell Type

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Liver	Kupffer Cell	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-22]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Pancreas		Atrophy	Marked
[Cyst TGLS = 2-21]		Cyst	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	
* Bone Marrow	Hypercellularity	Mild
* Kidney	Casts Protein	Minimal
* Lung	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild
* Uterus	Hydrometra	Moderate
	Hyperplasia	Cystic, Mild
	Metaplasia	Squamous, Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 335

TRT#: 4

SEX: Female

DAY ON TEST: 625

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-55818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
* Bone Marrow		Hypercellularity	Moderate
* Kidney		Casts Protein	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Hyperplasia	Moderate
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 10-26, 7-24, 1-8,1-21, 11-27, 2-22, 12-3-1]		
	[Lymphoma Malignant Mixed TGLS = 10-26, 7-24, 1-8,1-21, 11-27, 2-22, 12-3-1]		
	[Lymphoma Malignant Mixed TGLS = 10-26, 7-24, 1-8,1-21, 11-27, 2-22, 12-3-1]		
	[Lymphoma Malignant Mixed TGLS = 10-26, 7-24, 1-8,1-21, 11-27, 2-22, 12-3-1]		
	[Lymphoma Malignant Mixed TGLS = 10-26, 7-24, 1-8,1-21, 11-27, 2-22, 12-3-1]		
	[Lymphoma Malignant Mixed TGLS = 10-26, 7-24, 1-8,1-21, 11-27, 2-22, 12-3-1]		
* Pancreas		Lymphoma Malignant Mixed	
	Note: MASSIVE ABSCESS IN PANCREAS (SLIDE 25); NOT CODED		
	[Lymphoma Malignant Mixed TGLS = 8-25]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 335	TRT#: 4	SEX: Female	DAY ON TEST: 625
	DOSE: 0.0312%	DISP: Moribund Sacrifice	HISTO: 90-55818

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 6-6] [Lymphoma Malignant Mixed TGLS = 6-6]	Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Marked
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 13-4-1]	Squamous Cell Papilloma	
* Stomach, Glandular	Lymphoma Malignant Mixed	
* Thymus	Lymphoma Malignant Mixed	
* Thyroid Gland Tissue NOS Note: TISSUE NOS IS THORACIC FLUID [Lymphoma Malignant Mixed TGLS = 4-63]	Degeneration Lymphoma Malignant Mixed	Cystic, Mild
* Uterus [Hyperplasia TGLS = 3-7]	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 696

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 91-57936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Bone Marrow		Hypercellularity	Mild
* Brain		Compression	
[Compression TGLS = 10-1-1]			
* Kidney		Casts Protein	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
	Inguinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-21, 5-5, 8-24, 8-24]			
[Hyperplasia TGLS = 1-21, 5-5, 8-24, 8-24]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
[Hyperplasia TGLS = 5-5, 8-24, 1-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-5, 8-24, 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
* Skin	Subcut Tiss	Sarcoma	Multiple
[Sarcoma TGLS = 2-22,7-23]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 336	TRT#: 4 DOSE: 0.0312%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 696 HISTO: 91-57936
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland [Hyperplasia TGLS = 6-3]	Follicular Cel	Hyperplasia	Marked
* Uterus [Hyperplasia TGLS = 3-7]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337	TRT#: 4 DOSE: 0.0312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 91-57614
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 2-22]		Carcinoma	
* Kidney	Renal Tubule	Casts Protein Regeneration Thrombosis Cyst Hyperplasia	Minimal Minimal Lymphoid, Mild
* Lung			
* Ovary			
* Spleen [Hyperplasia TGLS = 1-21]			
* Stomach, Glandular	Mucosa	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 338

TRT#: 4

SEX: Female

DAY ON TEST: 627

DOSE: 0.0312%

DISP: Natural Death

HISTO: 90-55819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	
* Clitoral Gland	Inflammation	Chronic, Mild
Harderian Gland	Carcinoma	
[Carcinoma TGLS = 3-22]		
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]		
* Lymph Node, Mandibular	Pigmentation	Mild
* Ovary	Cyst	
[Cyst TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 339

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Casts Protein	Mild
		Glomerulosclerosis	Moderate
		Hyperplasia	Lymphoid, Moderate
	Renal Tubule	Regeneration	Moderate
[Casts Protein TGLS = 1-5]			
[Glomerulosclerosis TGLS = 1-5]			
[Hyperplasia TGLS = 1-5]			
[Regeneration TGLS = 1-5]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 608

DOSE: 0.0312%

DISP: Natural Death

HISTO: 90-55633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Lung		Congestion	Moderate
	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-21, 9-24, 7-22, 8-23, 6-5]		
	[Lymphoma Malignant Mixed TGLS = 4-21, 9-24, 7-22, 8-23, 6-5]		
	[Lymphoma Malignant Mixed TGLS = 4-21, 9-24, 7-22, 8-23, 6-5]		
	[Lymphoma Malignant Mixed TGLS = 4-21, 9-24, 7-22, 8-23, 6-5]		
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-21, 9-24, 7-22, 8-23]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-21, 9-24, 7-22, 8-23]		
* Ovary		Angiectasis	Moderate
	[Angiectasis TGLS = 10-7]		
* Pancreas		Lymphoma Malignant Mixed	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
	[Hematopoietic Cell Proliferation TGLS = 5-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 608

DOSE: 0.0312%

DISP: Natural Death

HISTO: 90-55633

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 5-6]

* Stomach, Glandular

Lymphoma Malignant Mixed

* Thymus

Lymphoma Malignant Mixed

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

Tissue NOS

Lymphoma Malignant Mixed

Note: TISSUE NOS IS ABDOMINAL FLUID (SLIDE 62) & THORACIC

Note: FLUID (SLIDE 63)

[Lymphoma Malignant Mixed TGLS = 1-62,2-63]

* Urinary Bladder

Lymphoma Malignant Mixed

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Intestine Large, Cecum		Lymphoma Malignant Mixed	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-21]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6]			
* Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
* Liver		Hepatocellular Carcinoma	
Note: PORTION OF HEPATOCLR CARC IS ON SLIDE 6 [Hepatocellular Carcinoma TGLS = 1-21]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hypercellularity	Mild
* Kidney		Lymphoma Malignant Mixed	
* Liver		Hematopoietic Cell Proliferation	Marked
		Mixed Cell Focus	Mild
	Lobules	Necrosis	Moderate
[Mixed Cell Focus TGLS = 12-25]			
[Necrosis TGLS = 10-24]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 11-2-1, 9-5]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 11-2-1, 9-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 11-2-1, 9-5]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21,4-23]			
* Ovary		Cyst	
[Cyst TGLS = 5-7]			
* Salivary Glands		Lymphoma Malignant Mixed	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57939

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 3-6,2-22]

* Uterus

Hydrometra

Marked

Polyp Adenomatous

[Hydrometra TGLS = 6-7]

[Polyp Adenomatous TGLS = 8-7-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 345	TRT#: 4 DOSE: 0.0312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO: 91-57616
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis Cyst	Moderate
[Cyst TGLS = 2-21]			
* Brain		Compression	
[Compression TGLS = 3-1]			
Harderian Gland		Hyperplasia	Minimal
* Kidney		Casts Protein	Minimal
* Liver		Basophilic Focus	Mild
* Mammary Gland		Hyperplasia	Lobular, Mild
* Ovary			
Note: MODERATE LUTEAL CELL HYPERPLASIA; NOT CODED			
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 4-22]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Mild
		Polyp Stromal	
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Compression	
[Compression TGLS = 2-1,2-1-1]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
Eye		Cataract	Moderate
		Inflammation	Chronic, Minimal
[Cataract TGLS = 1-21]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-22]			
* Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 10-26]			
* Liver		Lymphoma Malignant Mixed	
	Lobules	Necrosis	Moderate
[Lymphoma Malignant Mixed TGLS = 11-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 14-28,4-24,7-7,13-27,12-5,3-23,15-2-1,5-8]			
[Lymphoma Malignant Mixed TGLS = 14-28,4-24,7-7,13-27,12-5,3-23,15-2-1,5-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 347	TRT#: 4	SEX: Female	DAY ON TEST: 744
	DOSE: 0.0312%	DISP: Terminal Sacrifice	HISTO: 91-57617

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 14-28,4-24,7-7,13-27,12-5,3-23,15-2-1,5-8]		
[Lymphoma Malignant Mixed TGLS = 14-28,4-24,7-7,13-27,12-5,3-23,15-2-1,5-8]		
[Lymphoma Malignant Mixed TGLS = 14-28,4-24,7-7,13-27,12-5,3-23,15-2-1,5-8]		
[Lymphoma Malignant Mixed TGLS = 14-28,4-24,7-7,13-27,12-5,3-23,15-2-1,5-8]		
* Lymph Node, Mandibular	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 14-28, 4-24, 7-7, 13-27]		
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 14-28, 4-24, 7-7, 13-27]		
* Ovary	Angiectasis	Mild
	Cyst	
[Cyst TGLS = 9-7]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 6-25]		
[Lymphoma Malignant Mixed TGLS = 6-25]		
* Stomach, Forestomach	Mucosa	Hyperplasia
		Ulcer
* Thymus	Lymphoma Malignant Mixed	
* Urinary Bladder	Lymphoma Malignant Mixed	
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 8-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 606

DOSE: 0.0312%

DISP: Moribund Sacrifice

HISTO: 90-55634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Lung		Foreign Body	Mild
		Inflammation	Subacute, Moderate
* Parathyroid Gland		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Stomach, Glandular		Inflammation	Subacute, Mild
* Thyroid Gland	Follicle	Cyst	
Tongue		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 2-21]		
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Tongue Squamous Cell Carcinoma

Animal Note: CEROID-LIKE PIGMENT IN OVARY; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 349

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Subacute, Minimal
[Hepatocellular Adenoma TGLS = 2-21]			
* Pancreas		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 0.0312%

DISP: Terminal Sacrifice

HISTO: 91-57942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Adrenal Medulla		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 351

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
* Pancreas	Focal Cellular Change	
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 352

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
* Kidney	Hyperplasia	Lymphoid, Mild
* Urinary Bladder	Hyperplasia	Lymphoid, Mild
* Uterus	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus

OBSERVATIONS

* Liver
* Uterus

Eosinophilic Focus
Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 354

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Liver | * Lung | * Lymph Node, Mandibular | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | |
|----------------------------|-------------|--------------------|
| * Clitoral Gland | Ectasia | Mild |
| Harderian Gland | Adenoma | |
| [Adenoma TGLS = 3-21] | | |
| * Lymph Node, Mesenteric | Hyperplasia | Lymphoid, Moderate |
| * Ovary | Cyst | |
| * Uterus | Hydrometra | Mild |
| | Hyperplasia | Cystic, Moderate |
| [Hydrometra TGLS = 2-7] | | |
| [Hyperplasia TGLS = 1-7] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 355

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Cyst	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 356

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Bone
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus

OBSERVATIONS

* Clitoral Gland
* Kidney
* Uterus

Ectasia
Casts Protein
Hyperplasia

Mild
Minimal
Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 357

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Ectasia	Marked
* Kidney		Casts Protein	Minimal
	Transit Epithe	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 358

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7,2-7]		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 359

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Subacute, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 360

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0312%

DISP: Scheduled Sacrifice

HISTO: 90-54490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
* Kidney	Casts Protein	Minimal
	Hyperplasia	Lymphoid, Minimal
* Salivary Glands	Hyperplasia	Lymphoid, Minimal
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 669

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Clitoral Gland		Inflammation	Suppurative, Moderate
* Liver	Kupffer Cell	Hyperplasia	Mild
* Lung		Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 5-2-2]			
Lymph Node	Mediastinal	Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 4-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 6-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
		Ulcer	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 669

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57883

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: METASTATIC FIBROSARCOMA ALSO ON SLIDE 2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362	TRT#: 6 DOSE: 0.0625%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 91-57884
-----------------------	----------------------------------------	-------------------------------------------------------	---------------------------------------------------

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Peripheral Nerve

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Heart	Myocardium	Necrosis	Moderate
* Islets, Pancreatic		Adenoma	
Note: ADENOMA IS ON SLIDE 21			
* Kidney	Renal Tubule	Casts Protein	Minimal
		Regeneration	Marked
* Liver		Basophilic Focus	Minimal
		Inflammation	Subacute, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]			
* Ovary		Angiectasis	Mild
* Pancreas		Cyst	
[Cyst TGLS = 2-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-4-1]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362

TRT#: 6

SEX: Female

DAY ON TEST: 719

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57884

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363	TRT#: 6	SEX: Female	DAY ON TEST: 744
	DOSE: 0.0625%	DISP: Terminal Sacrifice	HISTO: 91-57943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 1-6]		
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 364

TRT#: 6

SEX: Female

DAY ON TEST: 693

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Ileum	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Axillary	Lymphoma Malignant Undifferentiated Cell Type	
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Pancreatic	Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 8-25,2-22,5-23,1-21]		
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 8-25,2-22,5-23,1-21]		
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 8-25,2-22,5-23,1-21]		
* Lymph Node, Mandibular		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 8-25, 2-22, 5-23, 1-21]		
* Lymph Node, Mesenteric		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 8-25, 2-22, 5-23, 1-21]		
Mesentery		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 6-24]		
* Ovary		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 7-7]		
* Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
* Salivary Glands		Lymphoma Malignant Undifferentiated Cell Type	
* Spleen		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 4-6]		
* Stomach, Glandular		Lymphoma Malignant Undifferentiated Cell Type	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 364	TRT#: 6	SEX: Female	DAY ON TEST: 693
	DOSE: 0.0625%	DISP: Natural Death	HISTO: 91-57885

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Lymphoma Malignant Undifferentiated Cell Type	
* Uterus	Angiectasis	Marked
	Hyperplasia	Cystic, Mild

[Angiectasis TGLS = 9-7]

PRIMARY CAUSE OF DEATH	- Spleen	Lymphoma Malignant Undifferentiated Cell Type
CONTRIBUTORY CAUSE OF DEATH	- Uterus	Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 365

TRT#: 6

DOSE: 0.0625%

SEX: Female

DISP: Natural Death

DAY ON TEST: 639

HISTO: 91-57886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 8-23]			
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-24, 5-21, 10-25]			
[Lymphoma Malignant Mixed TGLS = 9-24, 5-21, 10-25]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-24, 5-21, 10-25]			
* Ovary		Angiectasis	Marked
[Angiectasis TGLS = 2-26]			
* Pancreas		Atrophy	Marked
		Cyst	
[Cyst TGLS = 4-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 6-6]			
[Lymphoma Malignant Mixed TGLS = 6-6,7-22]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365

TRT#: 6

SEX: Female

DAY ON TEST: 639

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57886

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant Mixed

CONTRIBUTORY CAUSE OF DEATH

- Ovary Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 366

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-23]			
* Kidney		Casts Protein	Minimal
		Cyst	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
[Hepatocellular Adenoma TGLS = 4-22]			
[Lymphoma Malignant Mixed TGLS = 3-21]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-5]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 367

TRT#: 6

SEX: Female

DAY ON TEST: 605

DOSE: 0.0625%

DISP: Natural Death

HISTO: 90-55631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular
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OBSERVATIONS

* Brain		Inflammation	Chronic, Mild
* Liver	Kupffer Cell Lobules	Hyperplasia Necrosis	Moderate Moderate
* Lung		Inflammation	Subacute, Moderate
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 368

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 1-21]		Carcinoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pituitary Gland [Adenoma TGLS = 3-1]	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 369

TRT#: 6

SEX: Female

DAY ON TEST: 620

DOSE: 0.0625%

DISP: Natural Death

HISTO: 90-55815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Clitoral Gland		Inflammation	Chronic, Mild
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
* Liver		Hematopoietic Cell Proliferation	Marked
	Kupffer Cell	Hyperplasia	Marked
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-3-1]			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-7]			
* Skin		Edema	Moderate
		Inflammation	Subacute, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Mild
* Urinary Bladder	Mucosa	Hyperplasia	Moderate
		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 370

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 4-22]			
* Kidney		Metaplasia	Osseous, Mild
	Renal Tubule	Regeneration	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Moderate
[Angiectasis TGLS = 2-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 371

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
Eye		Phthisis Bulbi	Moderate
[Phthisis Bulbi TGLS = 6-23]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 7-24]			
* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
* Lung		Lymphoma Malignant Mixed	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-21]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 5-5]			
* Ovary		Angiectasis	Mild
* Pancreas		Lymphoma Malignant Mixed	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 2-6-1,2-22]			
[Lymphoma Malignant Mixed TGLS = 2-22,2-6-1]			
* Thymus		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant Mixed	
* Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 371

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57621

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 372

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Hyperostosis	Moderate
[Hyperostosis TGLS = 6-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2-1]			
* Stomach, Forestomach		Diverticulum	Mild
[Diverticulum TGLS = 4-4-1]			
* Thyroid Gland	Follicular Cel	Adenoma	
		Degeneration	Cystic, Mild
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 543

DOSE: 0.0625%

DISP: Natural Death

HISTO: 90-54920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Bone Marrow	Hypercellularity	Moderate
* Liver	Lymphoma Malignant Lymphocytic	
* Lung	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular	Lymphoma Malignant Lymphocytic	
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant Lymphocytic	
[Hematopoietic Cell Proliferation TGLS = 1-6]		
[Lymphoma Malignant Lymphocytic TGLS = 1-6]		
* Thymus	Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant Lymphocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 374

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea			

MISSING

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Histiocytic Sarcoma	
		Hypercellularity	Moderate
Eye		Phthisis Bulbi	Moderate
[Phthisis Bulbi TGLS = 1-21]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 9-27]			
* Intestine Large, Cecum		Edema	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Lobules	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-25,7-26,8-6]		Necrosis	Mild
* Lung		Hemorrhage	Minimal
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Angiectasis	Moderate
		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6-1,5-24]		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 374

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57622

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 5-6-1,5-24]

* Stomach, Glandular

Erosion

Moderate

* Thyroid Gland

Degeneration

Cystic, Minimal

* Uterus

Histiocytic Sarcoma

Hyperplasia

Cystic, Moderate

[Histiocytic Sarcoma TGLS = 3-22,4-23]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 375

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Liver		Basophilic Focus	Marked
* Ovary		Cyst	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-4-1]			
* Thyroid Gland		Ectopic Thymus	
	Follicular Cel	Hyperplasia	Moderate
* Uterus		Carcinoma	
		Hyperplasia	Cystic, Mild
[Carcinoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Hypercellularity	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 8-9]			
* Kidney		Casts Protein	Minimal
	Renal Tubule	Cytoplasmic Alteration	Moderate
	Renal Tubule	Dilatation	Moderate
	Renal Tubule	Regeneration	Moderate
* Liver		Histiocytic Sarcoma	
	Lobules	Necrosis	Moderate
[Histiocytic Sarcoma TGLS = 6-6]			
[Necrosis TGLS = 6-6]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-5]			
* Ovary		Angiectasis	Marked
[Angiectasis TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57889

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Mucosa

Hyperplasia

Mild

Inflammation

Suppurative, Mild

* Thyroid Gland

Degeneration

Cystic, Mild

* Uterus

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Adenoma;Ovary Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 377

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone		Hyperostosis	Mild
[Hyperostosis TGLS = 3-21]			
* Bone Marrow		Myelofibrosis	Mild
* Brain		Compression	
		Inflammation	Chronic, Mild
[Compression TGLS = 4-1-1]			
* Kidney		Hyperplasia	Lymphoid, Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Angiectasis	Moderate
		Cyst	
[Cyst TGLS = 1-7]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Mucosa	Hyperplasia	Mild
Note: HYPERPLASIA INCLUDES AREA OF SMALL CYST FORMATION AND DISORGANIZATION OF GLANDULAR EPITHELIUM			
* Urinary Bladder		Inflammation	Subacute, Mild
* Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 378 TRT#: 6 SEX: Female DAY ON TEST: 575
DOSE: 0.0625% DISP: Natural Death HISTO: 90-55433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mesenteric	* Spleen
* Stomach, Glandular			

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	
* Bone Marrow	Hypercellularity	Moderate
Harderian Gland	Adenoma	
[Adenoma TGLS = 5-22]		
* Heart	Inflammation	Chronic, Mild
	Thrombosis	
* Kidney	Casts Protein	Minimal
* Lung	Alveolar/Bronchiolar Carcinoma	
	Hemorrhage	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]		
* Ovary	Angiectasis	Mild
* Uterus	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 379

TRT#: 6

SEX: Female

DAY ON TEST: 711

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
		Myelofibrosis	Mild
* Gallbladder		Dilatation	Moderate
[Dilatation TGLS = 2-6]			
Harderian Gland		Hyperplasia	Minimal
* Kidney		Casts Protein	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Necrosis	Mild
Note: VACUOLATED; NOT CODED			
Note: HEPATOCYTES IN CENTRIOLOBULAR AND PARACENTRAL AREAS ARE			
[Necrosis TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 6-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Angiectasis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 6
DOSE: 0.0625%

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 711
HISTO: 91-57891

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 5-22]

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Uterus Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Inflammation	Subacute, Moderate
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	
* Parathyroid Gland		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Subacute, Minimal
* Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild

[Angiectasis TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 381

TRT#: 6

SEX: Female

DAY ON TEST: 709

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pituitary Gland	Skeletal Muscle	* Spleen
* Stomach, Forestomach	* Trachea		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Heart		Mineralization	Marked
[Mineralization TGLS = 8-5]			
* Kidney		Casts Protein	Minimal
		Mineralization	Marked
	Renal Tubule	Regeneration	Mild
* Liver	Kupffer Cell	Hyperplasia	Moderate
		Mixed Cell Focus	Moderate
	Kupffer Cell	Pigmentation	Minimal
[Mixed Cell Focus TGLS = 7-6]			
[Pigmentation TGLS = 7-6]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 9-2-1]			
* Mammary Gland		Hyperplasia	Lobular, Mild
* Nose		Exudate	Mild
* Ovary		Angiectasis	Mild
		Cyst	
* Pancreas		Atrophy	Marked
		Cyst	
[Atrophy TGLS = 6-7,6-22]			
[Cyst TGLS = 5-22]			
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Skin	Subcut Tiss	Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 381	TRT#: 6	SEX: Female	DAY ON TEST: 709
	DOSE: 0.0625%	DISP: Moribund Sacrifice	HISTO: 91-57893

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 1-21]			
* Stomach, Glandular		Mineralization	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
		Degeneration	Cystic, Mild
* Urinary Bladder		Edema	Moderate
		Inflammation	Subacute, Mild
[Edema TGLS = 2-8]			
[Inflammation TGLS = 2-8]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 382

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Kidney		Lymphoma Malignant Mixed	
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
Note: HEPATOCLR ADEN ALSO ON SLIDE 6			
[Hepatocellular Adenoma TGLS = 3-22,4-23,6-25,8-27]			
[Lymphoma Malignant Mixed TGLS = 5-24,7-26]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Ovary		Angiectasis	Moderate
		Luteoma	
[Angiectasis TGLS = 3-7]			
[Luteoma TGLS = 1-7]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 384

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Mild

Note: THROMBUS

Note: AREA OF ANGIECTASIS CONTAINS LARGE, PARTIALLY MINERALIZED

[Angiectasis TGLS = 1-7]

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 385

TRT#: 6

SEX: Female

DAY ON TEST: 397

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 90-52850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Gallbladder | Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|----------------------------------------|----------------|-----------------------------------|--------------------|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| * Clitoral Gland | | Ectasia | Mild |
| * Mammary Gland | | Hyperplasia | Cystic, Minimal |
| Mesentery | | Yolk Sac Carcinoma | Metastatic (Ovary) |
| [Yolk Sac Carcinoma TGLS = 4-21] | | | |
| * Ovary | | Yolk Sac Carcinoma | |
| [Yolk Sac Carcinoma TGLS = 2-22,3-7] | | | |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH

- Ovary Yolk Sac Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 386

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 2-6]			
* Ovary		Angiectasis	Moderate
* Pituitary Gland	Pars Distalis	Cyst	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Ulcer	Mild
[Hyperplasia TGLS = 3-21]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 387

TRT#: 6

SEX: Female

DAY ON TEST: 669

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Eye		Cataract	Mild
[Cataract TGLS = 1-21]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-23]			
* Kidney	Renal Tubule	Hyperplasia	Lymphoid, Mild
		Regeneration	Minimal
* Liver		Mixed Cell Focus	Moderate
[Mixed Cell Focus TGLS = 3-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Harderian Gland)
		Infiltration Cellular	Histiocyte, Mild
[Carcinoma TGLS = 4-2]			
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 388

TRT#: 6

SEX: Female

DAY ON TEST: 718

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
		Myelofibrosis	Moderate
* Liver		Eosinophilic Focus	Moderate
		Lymphoma Malignant Mixed	
	[Eosinophilic Focus TGLS = 7-22,8-23,9-24]		
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 13-27,10-25,6-21,11-5,12-26,1-8]		
	[Lymphoma Malignant Mixed TGLS = 13-27,10-25,6-21,11-5,12-26,1-8]		
	[Lymphoma Malignant Mixed TGLS = 13-27,10-25,6-21,11-5,12-26,1-8]		
	[Lymphoma Malignant Mixed TGLS = 13-27,10-25,6-21,11-5,12-26,1-8]		
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 13-27, 12-26, 10-25, 6-21]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 13-27, 12-26, 10-25, 6-21]		
* Ovary		Angiectasis	Mild
		Cyst	
* Pancreas		Lymphoma Malignant Mixed	
* Salivary Glands		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388	TRT#: 6	SEX: Female	DAY ON TEST: 718
	DOSE: 0.0625%	DISP: Natural Death	HISTO: 91-57898

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Moderate
	[Hematopoietic Cell Proliferation TGLS = 5-6] [Lymphoma Malignant Mixed TGLS = 5-6]		
* Stomach, Forestomach	Mucosa	Hyperplasia Ulcer	Mild Mild
	[Hyperplasia TGLS = 14-4-1]		
* Thymus		Lymphoma Malignant Mixed	
* Uterus		Angiectasis Hyperplasia Lymphoma Malignant Mixed	Marked Cystic, Moderate
	[Angiectasis TGLS = 3-7]		

PRIMARY CAUSE OF DEATH	- Spleen	Lymphoma Malignant Mixed
CONTRIBUTORY CAUSE OF DEATH	- Uterus	Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 389

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum		Edema	Mild
* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 4-22]		
* Pituitary Gland	Pars Distalis	Carcinoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-21]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
	[Hydrometra TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 390

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Parathyroid Gland		Cyst	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Stomach, Glandular	Mucosa	Hyperplasia	Moderate
Note: HYPERPLASIA IN GLANDULAR STOMACH INCLUDES CYST FORMATION, DISORGANIZATION OF GLANDS, HYPERCELLULARITY, AND KARYOMEGALY			
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Granulomatous, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: INFILTRATION OF MAST CELLS AND OTHER INFLAMMATORY CELLS IN SUBCUTIS AROUND SALIVARY GLANDS; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 391

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Bone		Hyperostosis	Moderate
[Hyperostosis TGLS = 5-22]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-21]			
* Liver		Mixed Cell Focus	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]		Carcinoma	Metastatic (Harderian Gland)
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-7]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-5]	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-5]		
* Ovary	Cyst	
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Hyperplasia	Lymphoid, Moderate
* Uterus	Angiectasis	Moderate
[Angiectasis TGLS = 1-7]	Hyperplasia	Cystic, Moderate
	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 393

TRT#: 6

SEX: Female

DAY ON TEST: 629

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 90-55816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Intestine Large, Colon	* Lymph Node, Mesenteric
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Hypercellularity	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-9]			
* Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Hyperplasia	Marked
* Lung		Inflammation	Subacute, Mild
Mesentery		Inflammation	Chronic, Marked
[Inflammation TGLS = 2-21]			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-7,4-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Urinary Bladder		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Adenoma; Mesentery Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 393

TRT#: 6

SEX: Female

DAY ON TEST: 629

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 90-55816

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 394

TRT#: 6

SEX: Female

DAY ON TEST: 683

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Degeneration Hyperplasia	Fatty, Minimal Lymphoid, Mild
[Degeneration TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2,3-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Angiectasis	Mild
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia Ulcer	Moderate Mild
[Hyperplasia TGLS = 4-4-1]			
[Ulcer TGLS = 4-4-1]			

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395

TRT#: 6

SEX: Female

DAY ON TEST: 557

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 90-55434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-23]			
* Kidney		Casts Protein	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Angiectasis	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 396

TRT#: 6

SEX: Female

DAY ON TEST: 669

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-22]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
		Hyperplasia	Lymphoid, Mild
		Inflammation	Subacute, Mild
[Carcinoma TGLS = 2-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Ovary		Granulosa Cell Tumor Benign	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Carcinoma Harderian Gland

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 397

TRT#: 6

SEX: Female

DAY ON TEST: 639

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Liver	Kupffer Cell	Hyperplasia	Moderate
	Lobules	Necrosis	Minimal
* Lung		Thrombosis	Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
Note: MEDIASTINAL NODE CONTAINS ABSCESS; NOT CODED			
[Hyperplasia TGLS = 4-2,4-2-1]			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-22,2-23]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6,5-21]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-4-1]			
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 398

TRT#: 6

SEX: Female

DAY ON TEST: 707

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Centrilobular	Necrosis	Moderate
[Hepatocellular Adenoma TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Mild
[Angiectasis TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Uterus Angiectasis

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma; Liver Centrilobular Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 399	TRT#: 6 DOSE: 0.0625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO: 91-57906
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lung	Alveolar Epith	Hyperplasia	Minimal
* Ovary		Luteoma	
[Luteoma TGLS = 2-7]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400

TRT#: 6

SEX: Female

DAY ON TEST: 679

DOSE: 0.0625%

DISP: Natural Death

HISTO: 91-57907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Gallbladder

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Kidney

* Liver

* Lymph Node, Mandibular

* Mammary Gland

* Nose

* Ovary

* Parathyroid Gland

* Pituitary Gland

* Salivary Glands

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Thymus

* Trachea

* Urinary Bladder

* Uterus

MISSING

* Islets, Pancreatic

* Lymph Node, Mesenteric

* Pancreas

INSUFFICIENT TISSUE

* Intestine Small, Duodenum

OBSERVATIONS

* Lung

Congestion

Marked

* Thyroid Gland

Follicle

Cyst

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 401

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma Hyperplasia	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]		
* Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-6]		
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 402

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-57909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Gallbladder		Dilatation	Moderate
[Dilatation TGLS = 5-6]			
* Kidney	Renal Tubule	Necrosis	Minimal
* Liver	Lobules	Necrosis	Minimal
[Necrosis TGLS = 6-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Angiectasis	Marked
[Angiectasis TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Moderate
[Angiectasis TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Uterus Angiectasis

CONTRIBUTORY CAUSE OF DEATH - Ovary Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 403

TRT#: 6

SEX: Female

DAY ON TEST: 652

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 91-58113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Casts Protein	Minimal
* Liver	Cyst	
[Cyst TGLS = 3-6]		
* Spleen	Pigmentation	Hemosiderin, Mild
* Stomach, Glandular	Edema	Mild
* Thymus	Atrophy	Moderate
* Uterus	Hydrometra	Moderate
[Hydrometra TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 404

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 4-22,5-23]		Adenoma	
* Intestine Large, Cecum		Edema	Mild
* Kidney		Metaplasia	Osseous, Mild
* Liver [Hepatocellular Adenoma TGLS = 6-24] [Hepatocellular Carcinoma TGLS = 3-21]		Hepatocellular Adenoma Hepatocellular Carcinoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus [Angiectasis TGLS = 1-7] [Hyperplasia TGLS = 2-7]		Angiectasis Hyperplasia	Moderate Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 405

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 2-9]		Adenoma	
* Ovary		Angiectasis Cyst	Mild
* Spleen [Hyperplasia TGLS = 3-21]	Lymph Follic	Hyperplasia	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia Squamous Cell Papilloma	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus [Hydrometra TGLS = 1-7]		Hydrometra Hyperplasia	Marked Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:34
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 406

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Esophagus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary		Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
[Hyperplasia TGLS = 4-22]			
* Uterus		Carcinoma	
		Hyperplasia	Cystic, Moderate
[Carcinoma TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 407

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|----------|----------------------------------------|------------------------------|------------------|
| * Liver | [Hepatocellular Adenoma TGLS = 2-21] | Hepatocellular Adenoma | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Hemorrhage | Mild |
| | | Mineralization | Mild |
| * Uterus | [Hyperplasia TGLS = 1-7] | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
 CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
 Time Report Requested: 13:39:34
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 408	TRT#: 6 DOSE: 0.0625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO: 91-57913
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Ovary		Angiectasis	Marked
		Cyst	
[Angiectasis TGLS = 1-7]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Ulcer	Mild
[Ulcer TGLS = 3-4-1]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:34

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 409

TRT#: 6

SEX: Female

DAY ON TEST: 536

DOSE: 0.0625%

DISP: Moribund Sacrifice

HISTO: 90-54921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Brain		Compression	
[Compression TGLS = 4-1]			
* Kidney		Casts Protein	Minimal
	Renal Tubule	Dilatation	Mild
	Renal Tubule	Necrosis	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Angiectasis	Mild
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Skin	Subcut Tiss	Sarcoma	
Note: FIBROSARCOMA ALSO PRESENT ON SLIDE 43			
[Sarcoma TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 410

TRT#: 6

SEX: Female

DAY ON TEST: 744

DOSE: 0.0625%

DISP: Terminal Sacrifice

HISTO: 91-57626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Mild
* Liver	Lobules	Necrosis	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: ALV BRON ADEN ALSO ON SLIDE 2			
[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
[Squamous Cell Papilloma TGLS = 5-22]			
* Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Mild
[Angiectasis TGLS = 2-7]			
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 411

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Clitoral Gland		Ectasia	Marked
* Lung		Thrombosis	Minimal
* Pancreas		Atrophy	Minimal
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
		Ulcer	Mild
	[Hyperplasia TGLS = 2-21]		
	[Ulcer TGLS = 2-21]		
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 412

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
Harderian Gland	Hyperplasia	Minimal
* Kidney	Casts Protein	Minimal
	Hyperplasia	Lymphoid, Mild
* Parathyroid Gland	Cyst	
* Uterus	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 413

TRT#: 6

SEX: Female

DAY ON TEST: 428

DOSE: 0.0625%

DISP: Natural Death

HISTO: 90-54495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Pancreas		

OBSERVATIONS

* Brain	Hemorrhage Necrosis	Mild Moderate
Note: LESION INVOLVES AREA OF HIPPOCAMPUS. LESION INCLUDES Note: NUMEROUS CHOLESTEROL CLEFTS		
* Clitoral Gland	Ectasia	Mild
* Kidney	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Lung	Alveolar/Bronchiolar Carcinoma	Multiple

[Alveolar/Bronchiolar Carcinoma TGLS = 2-2-3,3-2-2,4-2-1]

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 414

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland	Ectasia	Mild
	Pigmentation	Moderate
* Nose	Exudate	Mild
* Uterus	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 415

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
[Pigmentation TGLS = 1-8-1]	Pigmentation	Mild
* Thyroid Gland	Degeneration	Cystic, Minimal
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 416

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Clitoral Gland		Ectasia	Mild
* Intestine Large, Cecum [Hemangioma TGLS = 3-21]		Hemangioma	
* Lymph Node, Mandibular		Hemorrhage	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus [Hyperplasia TGLS = 1-7,2-7]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 417

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland	Ectasia	Mild
* Liver [Hepatocellular Adenoma TGLS = 6-22,7-23]	Hepatocellular Adenoma	Multiple
Mesentery [Inflammation TGLS = 4-21]	Inflammation	Chronic, Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-6]	Hematopoietic Cell Proliferation	Mild
* Uterus [Hyperplasia TGLS = 1-7,2-7]	Hyperplasia Inflammation	Cystic, Moderate Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 418

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
* Kidney		Casts Protein	Mild
* Ovary		Angiectasis	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Ulcer	Mild
	[Hyperplasia TGLS = 2-21]		
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 419

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Adrenal Medulla
- * Clitoral Gland
- * Heart
- * Intestine Small, Duodenum
- * Liver
- * Nose
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Ovary
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Pancreas
- * Skin
- * Thymus

OBSERVATIONS

- * Kidney
- * Lung
- * Uterus

- Casts Protein
- Hyperplasia
- Hyperplasia
- Hydrometra
- Hyperplasia

- Minimal
- Lymphoid, Minimal
- Lymphoid, Mild
- Mild
- Cystic, Moderate

[Hydrometra TGLS = 2-7]

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 420

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.0625%

DISP: Scheduled Sacrifice

HISTO: 90-54471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
* Kidney		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MAMMARY GLAND IS ON SLIDE 8-1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 421

TRT#: 8

SEX: Female

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Esophagus	* Parathyroid Gland	* Thymus
-------------	---------------------	----------

OBSERVATIONS

Eye [Phthisis Bulbi TGLS = 5-21]	Phthisis Bulbi	
Harderian Gland [Adenoma TGLS = 4-21]	Adenoma	
* Liver [Hepatocellular Adenoma TGLS = 6-22]	Hepatocellular Adenoma	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-2-2] [Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]	Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Moderate
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Hemorrhage	Minimal
* Pancreas [Cyst TGLS = 1-7]	Atrophy Cyst	Marked

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 421

TRT#: 8

DOSE: 0.125%

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 669

HISTO: 91-57859

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 422

TRT#: 8

SEX: Female

DAY ON TEST: 449

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-54496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	
* Bone Marrow	Hypercellularity	Moderate
* Liver	Hematopoietic Cell Proliferation	Mild
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Uterus	Angiectasis	Marked
[Angiectasis TGLS = 2-21]	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH

- Uterus Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 423

TRT#: 8

SEX: Female

DAY ON TEST: 672

DOSE: 0.125%

DISP: Natural Death

HISTO: 91-57860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Bone Marrow	Hypercellularity	Moderate
* Kidney	Metaplasia	Osseous, Mild
* Liver	Hematopoietic Cell Proliferation	Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-6]		
* Uterus	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-7]	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH

- Uterus Hemangiosarcoma

Animal Note: ESOPHAGUS IS ON SLIDE 2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 424

TRT#: 8

SEX: Female

DAY ON TEST: 537

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-54915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver	Kupffer Cell	Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Moderate
	Alveolar Epith	Hyperplasia	Mild
Note: ALV BRON ADEN ALSO ON SLIDE 2			
[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]			
[Hemorrhage TGLS = 6-2-1]			
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 4-21,4-21-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hemorrhage	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hemorrhage TGLS = 3-6]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
 CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
 Time Report Requested: 13:39:35
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 425	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 575 HISTO: 90-55424
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
* Bone Marrow		Hypercellularity	Marked
Harderian Gland		Adenoma	
		Carcinoma	
[Adenoma TGLS = 12-9-1]			
[Carcinoma TGLS = 11-9-1]			
* Liver		Hematopoietic Cell Proliferation	Marked
	Kupffer Cell	Hyperplasia	Moderate
		Inflammation	Subacute, Marked
		Mixed Cell Focus	Marked
	Lobules	Necrosis	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-6]			
[Hyperplasia TGLS = 6-6]			
[Inflammation TGLS = 6-6]			
[Mixed Cell Focus TGLS = 7-21]			
[Necrosis TGLS = 6-6]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Mediastinal	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 9-23, 10-25, 8-22]			
[Hyperplasia TGLS = 9-23, 10-25, 8-22]			
[Hyperplasia TGLS = 9-23, 10-25, 8-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 425	TRT#: 8	SEX: Female	DAY ON TEST: 575
	DOSE: 0.125%	DISP: Moribund Sacrifice	HISTO: 90-55424

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Hyperplasia TGLS = 10-25, 9-23, 8-22]		Hyperplasia	Lymphoid, Marked
* Lymph Node, Mesenteric [Hyperplasia TGLS = 10-25, 9-23, 8-22]		Hyperplasia	Lymphoid, Mild
* Ovary [Inflammation TGLS = 2-24]		Inflammation	Suppurative, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach [Hyperplasia TGLS = 13-26]	Mucosa	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus [Hyperplasia TGLS = 3-7] [Inflammation TGLS = 3-7]		Angiectasis Hyperplasia Inflammation	Mild Cystic, Mild Suppurative, Moderate

PRIMARY CAUSE OF DEATH	- Liver Mixed Cell Focus
CONTRIBUTORY CAUSE OF DEATH	- Harderian Gland Adenoma;Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 426	TRT#: 8	SEX: Female	DAY ON TEST: 606
	DOSE: 0.125%	DISP: Moribund Sacrifice	HISTO: 90-55629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Harderian Gland		Adenoma	
		Carcinoma	
[Adenoma TGLS = 6-25]			
[Carcinoma TGLS = 7-26]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-24]			
* Ovary		Angiectasis	Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-21,2-22,3-23]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 427	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 576 HISTO: 90-55425
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Hypercellularity	Marked
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hematopoietic Cell Proliferation	Marked
	Kupffer Cell	Hyperplasia	Moderate
		Hyperplasia	Lymphoid, Mild
* Lung		Carcinoma	Metastatic (Mammary Gland)
[Carcinoma TGLS = 7-2-1,8-2-2]			
Lymph Node	Pancreatic	Hematopoietic Cell Proliferation	Marked
	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 6-7-1]			
[Hyperplasia TGLS = 6-7-1]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 6-7-1]			
[Hyperplasia TGLS = 6-7-1]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 6-7-1]			
[Hyperplasia TGLS = 6-7-1]			
* Mammary Gland		Carcinoma	Multiple
[Carcinoma TGLS = 1-21,2-22,2-22-1]			
* Ovary		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 427	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 576 HISTO: 90-55425
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-7]			
* Pancreas		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 428

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	Multiple
	Kupffer Cell	Hyperplasia	Moderate
	[Hepatocellular Carcinoma TGLS = 4-22,8-24]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-2-1,6-2-2]		
* Ovary		Angiectasis	Moderate
		Cyst	
	Note: NOT CODED		
	Note: MODERATE HYPERPLASIA OF LUTEAL & GRANULOSA-THECA CELLS;		
	[Angiectasis TGLS = 2-7]		
	[Cyst TGLS = 2-7]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin	Subcut Tiss	Sarcoma	
	[Sarcoma TGLS = 1-21,7-23]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Moderate
		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 428

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57861

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 3-7]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 429

TRT#: 8

SEX: Female

DAY ON TEST: 610

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-55630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Heart		Mineralization	Marked
* Intestine Large, Rectum		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-21]			
* Kidney	Renal Tubule	Necrosis	Moderate
* Liver	Centrilobular	Histiocytic Sarcoma	
		Necrosis	Marked
[Histiocytic Sarcoma TGLS = 5-6]			
[Necrosis TGLS = 5-6]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Pigmentation	Moderate
[Hemorrhage TGLS = 2-8]			
[Pigmentation TGLS = 2-8]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Angiectasis	Moderate
		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 429

TRT#: 8

SEX: Female

DAY ON TEST: 610

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-55630

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 430	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO: 91-57627
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
[Hepatocellular Adenoma TGLS = 4-24]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	Multiple
		Hyperplasia	Moderate
		Lymphoma Malignant Lymphocytic	
[Alveolar/Bronchiolar Adenoma TGLS = 8-2]			
[Lymphoma Malignant Lymphocytic TGLS = 8-2]			
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-3-2]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
Mesentery	Fat	Lymphoma Malignant Lymphocytic	
		Necrosis	Moderate
[Lymphoma Malignant Lymphocytic TGLS = 2-22]			
[Necrosis TGLS = 1-21,2-22]			
* Ovary		Angiectasis	Moderate
* Salivary Glands		Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 430	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO: 91-57627
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Lymphocytic TGLS = 3-6,3-23]

* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Stomach, Glandular		Edema	Mild
* Thymus		Lymphoma Malignant Lymphocytic	
* Thyroid Gland			
Note: MINIMAL CHRONIC INFLAMMATION IN THYROID GLAND; NOT CODED			
* Urinary Bladder		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 431

TRT#: 8

SEX: Female

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 4-9]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
* Ovary		Angiectasis	Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 432

TRT#: 8

SEX: Female

DAY ON TEST: 674

DOSE: 0.125%

DISP: Natural Death

HISTO: 91-57863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Gallbladder		Sarcoma	Metastatic (Mesentery)
* Liver		Degeneration	Fatty, Minimal
		Eosinophilic Focus	Mild
	Lobules	Necrosis	Moderate
		Sarcoma	Metastatic (Mesentery)
Note: NECROSIS IS ON SLIDE 24			
[Eosinophilic Focus TGLS = 9-24]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 10-2-1]			
[Hyperplasia TGLS = 10-2-1]			
Mesentery		Sarcoma	
[Sarcoma TGLS = 4-22]			
* Ovary		Angiectasis	Moderate
* Pancreas		Sarcoma	Metastatic (Mesentery)
[Sarcoma TGLS = 7-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
Skel Muscle			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 432	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Natural Death	DAY ON TEST: 674 HISTO: 91-57863
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: No diagnosis was made linking tg's 3 and 8 to a neoplasm of the skeletal muscle during peer review.

* Skin [Edema TGLS = 1-8]		Edema	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Sarcoma	Metastatic (Mesentery)
* Thyroid Gland	Follicle	Cyst	
* Uterus [Hyperplasia TGLS = 5-7]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Liver Sarcoma Mesentery

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 433

TRT#: 8

SEX: Female

DAY ON TEST: 719

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-9]			
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Mild
		Sarcoma Stromal	
[Hyperplasia TGLS = 2-7]			
[Sarcoma Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Adenoma;Lung Alveolar/Bronchiolar Carcinoma;Uterus Sarcoma Stromal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 434

TRT#: 8

SEX: Female

DAY ON TEST: 642

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Pancreas

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-9]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
Note: PORTION OF HEPATOCLR CARC IS ON SLIDE 6			
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Ovary		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach	Mucosa	Hyperkeratosis	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Adenoma; Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 435

TRT#: 8

SEX: Female

DAY ON TEST: 554

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-55426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hypercellularity	Marked
* Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Degeneration	Fatty, Mild
		Hematopoietic Cell Proliferation	Mild
[Degeneration TGLS = 4-23]			
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Pancreas		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 435

TRT#: 8

SEX: Female

DAY ON TEST: 554

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-55426

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Mesentery Fat Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 436

TRT#: 8

SEX: Female

DAY ON TEST: 668

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Kidney	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	
		Granulosa Cell Tumor Benign	
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Mild
	[Angiectasis TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

- Uterus Angiectasis

CONTRIBUTORY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 534

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-54916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Intestine Large, Cecum		Edema	Mild
* Kidney	Renal Tubule	Regeneration	Marked
[Regeneration TGLS = 7-5,8-5]			
* Liver		Degeneration	Fatty, Mild
		Hematopoietic Cell Proliferation	Moderate
Note: CODED			
Note: HEPATOCELLULAR VACUOLIZATION IN CENTRIOLOBULAR AREAS; NOT			
[Degeneration TGLS = 9-23]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-22]			
* Pancreas		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 6-7]			
* Skin	Subcut Tiss	Inflammation	Suppurative, Mild
		Sarcoma	
[Inflammation TGLS = 2-8]			
[Sarcoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 437	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 534 HISTO: 90-54916
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 5-6]		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Mucosa	Hyperplasia Ulcer	Mild Mild
* Thymus		Atrophy	Moderate
* Uterus [Angiectasis TGLS = 3-7] [Hyperplasia TGLS = 3-7]		Angiectasis Hyperplasia	Moderate Cystic, Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 438

TRT#: 8

SEX: Female

DAY ON TEST: 534

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-54917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 1-21,1-22]			
* Bone Marrow		Hypercellularity	Mild
		Myelofibrosis	Moderate
* Kidney		Hyperplasia	Lymphoid, Moderate
	Renal Tubule	Regeneration	Mild
* Liver	Kupffer Cell	Hyperplasia	Mild
	Kupffer Cell	Pigmentation	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland		Degeneration	Cystic, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 439

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-21,2-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-54442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Moderate
* Bone Marrow	Hypercellularity	Marked
* Clitoral Gland	Ectasia	Moderate
* Liver	Hematopoietic Cell Proliferation	Marked
* Mammary Gland	Adenoacanthoma	
[Adenoacanthoma TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thyroid Gland	Degeneration	Cystic, Mild
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 441

TRT#: 8

SEX: Female

DAY ON TEST: 483

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-54861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Liver		Basophilic Focus	Minimal
	Kupffer Cell	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus		Atrophy	Moderate
* Uterus		Angiectasis	Marked
		Hydrometra	Mild
	[Angiectasis TGLS = 1-21]		

PRIMARY CAUSE OF DEATH

- Uterus Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 442

TRT#: 8

SEX: Female

DAY ON TEST: 520

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-54862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-2-1]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Ovary		Cyst	
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,4-7-1]			

PRIMARY CAUSE OF DEATH

- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 443

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 8-23]			
* Intestine Large, Cecum		Edema	Mild
* Liver		Eosinophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	
[Cyst TGLS = 3-7]			
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma
 CONTRIBUTORY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 443

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57868

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: SKIN SECTION IS ON SLIDE 8-1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 444

TRT#: 8

SEX: Female

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Eye		Cataract	Mild
[Cataract TGLS = 1-23]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 7-22]			
* Islets, Pancreatic		Adenoma	
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Pancreas		Atrophy	Marked
		Cyst	
[Cyst TGLS = 6-21]			
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Moderate
[Angiectasis TGLS = 5-7]			
[Hyperplasia TGLS = 3-7,4-7]			

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 445

TRT#: 8

SEX: Female

DAY ON TEST: 490

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-54863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Liver	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 3-6]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Uterus		Angiectasis	Marked
		Hydrometra	Moderate
[Angiectasis TGLS = 6-21]			
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Uterus Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 446

TRT#: 8

SEX: Female

DAY ON TEST: 677

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Heart		Inflammation	Chronic, Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
* Skin	Subcut Tiss	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 5-4-1]		
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Moderate
	[Angiectasis TGLS = 2-7-2,3-7-2]		

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 447

TRT#: 8

SEX: Female

DAY ON TEST: 537

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-54918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Kupffer Cell	Hyperplasia	Mild
	[Hepatocellular Adenoma TGLS = 6-22]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Moderate
	Iliac	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
	[Hematopoietic Cell Proliferation TGLS = 8-24]		
	[Hyperplasia TGLS = 7-23, 7-23, 8-24, 8-24]		
	[Hyperplasia TGLS = 7-23, 7-23, 8-24, 8-24]		
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 8-24]		
* Ovary		Inflammation	Suppurative, Marked
	[Inflammation TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 5-6]		
* Thyroid Gland		Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 447

TRT#: 8

SEX: Female

DAY ON TEST: 537

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-54918

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Angiectasis
Hyperplasia
Inflammation

Marked
Cystic, Moderate
Suppurative, Moderate

Note: UTERUS HAS FREE BLOOD IN LUMEN

[Angiectasis TGLS = 2-7,3-21]

[Hyperplasia TGLS = 4-7]

[Inflammation TGLS = 4-7]

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Uterus Angiectasis;Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 448

TRT#: 8

SEX: Female

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Eye		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-21]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-9]			
* Kidney		Casts Protein	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Ovary		Angiectasis	Mild
[Cyst TGLS = 3-7]		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 449	TRT#: 8	SEX: Female	DAY ON TEST: 551
	DOSE: 0.125%	DISP: Moribund Sacrifice	HISTO: 90-55427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
Eye		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-21]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-9-1]			
* Kidney		Casts Protein	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-23]			
* Lung		Hemorrhage	Mild
[Hemorrhage TGLS = 8-2-1]		Thrombosis	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Ovary		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Mild
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 7-24]			

PRIMARY CAUSE OF DEATH	-
CONTRIBUTORY CAUSE OF DEATH	- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 450

TRT#: 8

SEX: Female

DAY ON TEST: 667

DOSE: 0.125%

DISP: Natural Death

HISTO: 91-57872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Heart		Thrombosis	
* Intestine Large, Colon		Hemangioma	
[Hemangioma TGLS = 6-22]			
* Islets, Pancreatic		Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Marked
[Hemorrhage TGLS = 4-5]			
* Ovary		Carcinoma	
[Carcinoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Edema	Mild
[Edema TGLS = 1-8]		Inflammation	Subacute, Mild
[Inflammation TGLS = 1-8]			
* Uterus		Carcinoma	
[Carcinoma TGLS = 3-7]		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Ovary Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Intestine Large;Colon Hemangioma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 451

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
		Myelofibrosis	Mild
* Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-5]			
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
	Lobules	Necrosis	Moderate
[Hepatocellular Adenoma TGLS = 4-23]			
[Lymphoma Malignant Mixed TGLS = 5-25]			
[Necrosis TGLS = 5-25]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 12-2-1]			
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 10-26]			
[Lymphoma Malignant Mixed TGLS = 13-3-1]			
[Lymphoma Malignant Mixed TGLS = 11-27]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Ovary		Angiectasis	Marked
[Angiectasis TGLS = 8-7]			
* Skin		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 451

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57628

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 1-21]

* Spleen

Hematopoietic Cell Proliferation
Lymphoma Malignant Mixed

Marked

Note: EXTENSIVE NECROSIS ASSOCIATED WITH LYMPHOMA ON SLIDE 22

[Hematopoietic Cell Proliferation TGLS = 2-6,2-22]

[Lymphoma Malignant Mixed TGLS = 2-6,2-22]

* Thymus

Lymphoma Malignant Mixed

* Thyroid Gland

Degeneration

Cystic, Mild

* Uterus

Angiectasis

Mild

[Angiectasis TGLS = 7-7]

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 6-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 452

TRT#: 8

SEX: Female

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-9]			
* Intestine Large, Cecum		Edema	Mild
* Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN ALSO ON SLIDE 6			
[Hepatocellular Adenoma TGLS = 3-21]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
		Foreign Body	Mild
		Infiltration Cellular	Histiocyte, Mild
[Carcinoma TGLS = 4-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Focal Cellular Change	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 453

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Islets, Pancreatic	Adenoma	
* Liver [Eosinophilic Focus TGLS = 3-21]	Eosinophilic Focus	Mild
* Ovary Note: HYPERPLASIA OF LUTEAL & GRANULOSA CELLS; NOT CODED	Angiectasis	Moderate
* Spleen	Pigmentation	Hemosiderin, Mild
* Stomach, Glandular	Ulcer	Mild
* Uterus [Hyperplasia TGLS = 2-7]	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Bone		Hyperostosis	Mild
[Hyperostosis TGLS = 7-23]			
* Bone Marrow		Hypercellularity	Mild
		Myelofibrosis	Mild
Eye		Cataract	Mild
		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-21]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-9]			
* Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR CARC ALSO PRESENT ON SLIDES 6 & 6-1			
[Hepatocellular Adenoma TGLS = 4-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland		Degeneration	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57875

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Mucosa

Hyperplasia

Mild

* Uterus

Angiectasis

Marked

Hyperplasia

Cystic, Mild

[Angiectasis TGLS = 3-7]

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 455	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 649 HISTO: 91-57876
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Bone Marrow		Myelofibrosis	Mild
Eye		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-21]			
* Gallbladder		Dilatation	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 11-26]			
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Moderate
		Hyperplasia	Lymphoid, Moderate
[Dilatation TGLS = 6-23]			
[Hydronephrosis TGLS = 7-23]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 9-25]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
	Mediastinal	Hyperplasia	Minimal
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 10-2, 10-2, 8-24, 8-24]			
[Hyperplasia TGLS = 10-2, 10-2, 8-24, 8-24]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 10-2, 8-24]			
* Ovary		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 455	TRT#: 8	SEX: Female	DAY ON TEST: 649
	DOSE: 0.125%	DISP: Moribund Sacrifice	HISTO: 91-57876

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-7]			
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 2-22]			
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation Hyperplasia	Mild Moderate
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Hyperplasia TGLS = 5-6]			
* Stomach, Glandular		Mineralization	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Harderian Gland Adenoma; Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 456

TRT#: 8

SEX: Female

DAY ON TEST: 669

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 91-57877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
[Inflammation TGLS = 2-8-1]			
Eye		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-21]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-22]			
* Intestine Large, Cecum		Edema	Mild
* Liver	Kupffer Cell	Hyperplasia	Mild
* Pancreas		Focal Cellular Change	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Granulomatous, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 457

TRT#: 8

SEX: Female

DAY ON TEST: 502

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-54864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Hyperplasia	Moderate
* Lung		Inflammation	Subacute, Moderate
Note: INFLAMMATION INVOLVES PRIMARILY THE PLEURA [Inflammation TGLS = 5-2]			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

Animal Note: SUPPURATIVE INFLAMMATION IN MEDIASTINUM (SLIDE 2); NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 458

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney	Mineralization	Minimal
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
* Pancreas	Atrophy	Marked
	Cyst	
[Atrophy TGLS = 1-7]		
* Salivary Glands	Hyperplasia	Lymphoid, Mild
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 459

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-21]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
		Squamous Cell Papilloma	
		Ulcer	Mild
[Squamous Cell Papilloma TGLS = 3-4-1]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 460

TRT#: 8

SEX: Female

DAY ON TEST: 526

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-54865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Stomach, Forestomach	* Stomach, Glandular	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Lung		Inflammation	Subacute, Moderate
Note: INFLAMMATION IS PRIMARILY IN THE PLEURA & MEDIASTINUM			
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-21]			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 461	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 551 HISTO: 90-55428
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex [Sarcoma TGLS = 4-21]		Sarcoma	Metastatic (Skin)
* Bone Marrow		Hypercellularity	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Hyperplasia	Moderate
	Lobules	Necrosis	Minimal
* Lung [Hemorrhage TGLS = 10-2-1]		Hemorrhage	Minimal
		Sarcoma	Metastatic (Skin)
Lymph Node [Sarcoma TGLS = 4-21]	Renal	Sarcoma	Metastatic (Skin)
* Lymph Node, Mandibular [Hyperplasia TGLS = 5-5]		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric [Hyperplasia TGLS = 5-5]		Hyperplasia	Lymphoid, Moderate
* Mammary Gland [Hyperplasia TGLS = 1-8]		Hyperplasia	Cystic, Moderate
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Pituitary Gland [Adenoma TGLS = 7-1]	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 461	TRT#: 8	SEX: Female	DAY ON TEST: 551
	DOSE: 0.125%	DISP: Moribund Sacrifice	HISTO: 90-55428

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 6-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland	Follicle	Cyst	
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 462

TRT#: 8

SEX: Female

DAY ON TEST: 480

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-54866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Angiectasis	Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 463

TRT#: 8

SEX: Female

DAY ON TEST: 586

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-55429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|----------------------------|--------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lymph Node, Mandibular | * Mammary Gland | * Nose | * Parathyroid Gland |
| Peripheral Nerve | * Pituitary Gland | * Salivary Glands | * Skin |
| Spinal Cord | * Spleen | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Intestine Small, Ileum

OBSERVATIONS

- | | | | |
|-------------------------------------------------------------------|-------------|------------------------------|----------------------|
| Harderian Gland | | Adenoma | |
| * Liver | | Developmental Malformation | |
| Note: DIFFUSE HEPATOCELLULAR CYTOPLASMIC VACUOLIZATION; NOT CODED | | | |
| [Developmental Malformation TGLS = 4-21] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | Multiple |
| [Alveolar/Bronchiolar Adenoma TGLS = 5-2-1,6-2-2] | | | |
| * Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Moderate |
| * Ovary | | Cyst | |
| * Pancreas | Acinar Cell | Cytoplasmic Alteration | Moderate |
| | | Focal Cellular Change | Mild |
| * Stomach, Forestomach | | Inflammation | Suppurative, Minimal |
| * Thyroid Gland | | Degeneration | Cystic, Minimal |
| * Uterus | | Angiectasis | Marked |
| | | Hydrometra | Moderate |
| | | Hyperplasia | Cystic, Mild |
| [Angiectasis TGLS = 7-22] | | | |
| [Hydrometra TGLS = 3-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

- Uterus Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 463

TRT#: 8

SEX: Female

DAY ON TEST: 586

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-55429

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Adenoma; Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 464

TRT#: 8

SEX: Female

DAY ON TEST: 401

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-52851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Hyperplasia	Moderate
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Inflammation	Suppurative, Moderate
	[Hyperplasia TGLS = 8-22, 7-21, 6-2]		
	[Hyperplasia TGLS = 8-22, 7-21, 6-2]		
	[Hyperplasia TGLS = 8-22, 7-21, 6-2]		
	[Inflammation TGLS = 6-2]		
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Ovary		Inflammation	Suppurative, Marked
	[Inflammation TGLS = 2-7,3-7]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Stomach, Glandular		Edema	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 465

TRT#: 8

SEX: Female

DAY ON TEST: 615

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-55814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 5-9]			
* Kidney		Casts Protein	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Carcinoma	
		Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate
		Sarcoma Stromal	
[Carcinoma TGLS = 4-7]			
[Hydrometra TGLS = 3-7]			
[Hyperplasia TGLS = 3-7]			
[Sarcoma Stromal TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

- Uterus Sarcoma Stromal

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Bilateral Adenoma;Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 465

TRT#: 8

SEX: Female

DAY ON TEST: 615

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-55814

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: BOTH ADRENAL GLANDS ARE PRESENT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 466

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Ovary		Cyst	
Note: MILD GRANULOSA CELL HYPERPLASIA IN OVARY; NOT CODED			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 5-23]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-22]			
* Thyroid Gland		Degeneration	Cystic, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 467	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 649 HISTO: 91-57880
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Adenoma	
		Carcinoma	
[Adenoma TGLS = 10-26]			
[Carcinoma TGLS = 9-25]			
* Kidney		Hyperplasia	Lymphoid, Marked
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	Kupffer Cell	Hyperplasia	Mild
[Eosinophilic Focus TGLS = 6-23]			
[Hepatocellular Adenoma TGLS = 7-24]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Lymphoid, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 8-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-8]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	
* Pancreas		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Skin	Subcut Tiss	Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 467	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 649 HISTO: 91-57880
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ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 2-21] * Spleen		Hemangioma Hematopoietic Cell Proliferation Hyperplasia	Marked Moderate
[Hemangioma TGLS = 5-22] [Hematopoietic Cell Proliferation TGLS = 4-6] [Hyperplasia TGLS = 4-6]	Lymph Follic		
* Uterus [Hyperplasia TGLS = 3-7]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Harderian Gland	Carcinoma				
CONTRIBUTORY CAUSE OF DEATH	- Harderian Gland	Adenoma;Liver	Hepatocellular Adenoma;Skin	Subcut Tiss	Sarcoma;Spleen	Hemangioma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 468

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone		Hyperostosis	Mild
[Hyperostosis TGLS = 5-23]			
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 3-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]			
* Skin		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]	Subcut Tiss		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Hyperplasia	Mild
	Mucosa	Ulcer	Mild
[Ulcer TGLS = 6-4-1]			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 468

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57881

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 469	TRT#: 8 DOSE: 0.125%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO: 91-57882
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Ovary		Angiectasis	Moderate
* Uterus		Angiectasis	Minimal
		Hyperplasia	Cystic, Moderate
[Angiectasis TGLS = 2-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 470

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Basophilic Focus	Moderate
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Hyperplasia	Lymphoid, Mild
	Lobules	Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 1-21]		
	[Hepatocellular Carcinoma TGLS = 2-22,3-23]		
* Ovary		Cyst	
	[Cyst TGLS = 5-7]		
* Pancreas		Focal Cellular Change	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 6-6]		
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 470

TRT#: 8

SEX: Female

DAY ON TEST: 744

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 91-57630

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 471

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Clitoral Gland		Ectasia	Moderate
* Kidney		Casts Protein	Minimal
		Cyst	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Ulcer	Mild
[Hyperplasia TGLS = 3-22]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 472

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	
* Clitoral Gland	Ectasia	Marked
* Liver	Eosinophilic Focus	Minimal
[Eosinophilic Focus TGLS = 2-21]		
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 473

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
Harderian Gland		Adenoma	
* Parathyroid Gland		Ectopic Tissue	
* Salivary Glands		Hyperplasia	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 2-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
[Hyperplasia TGLS = 3-21]		Ulcer	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
Harderian Gland	Adenoma	
	Hyperplasia	Moderate
* Skin	Inflammation	Subacute, Moderate
Note: INFLAMMATION INVOLVES THE SUBCUTANEOUS TISSUE ADJACENT TO		
Note: THE SALIVARY GLAND ON SLIDE 8		
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 475

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
Harderian Gland		Adenoma	
* Kidney		Casts Protein	Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS IS ON SLIDE 7 ADJACENT TO PANCREAS			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
		Ulcer	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 476

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
* Esophagus	Mucosa	Hyperplasia	Mild
* Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			
Vagina		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			

PRIMARY CAUSE OF DEATH

-

Animal Note: ECTOPIC THYMUS ADJACENT TO SALIVARY GLAND, SLIDE 8

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 477

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Ectasia	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Angiectasis	Mild
		Cyst	
[Cyst TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol
CAS Number: 3296-90-0

Date Report Requested: 10/18/2014
Time Report Requested: 13:39:35
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 478

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Bone
* Clitoral Gland
* Kidney
* Uterus

Hyperostosis
Ectasia
Casts Protein
Hyperplasia
Inflammation

Mild
Moderate
Minimal
Cystic, Moderate
Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 479

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland	Ectasia	Moderate
Harderian Gland	Adenoma	
[Adenoma TGLS = 2-21]		
* Liver	Inflammation	Subacute, Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-22]		
* Uterus	Hydrometra	Moderate
	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]		
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05103-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,2-bis(Bromomethyl)-1,3-propanediol

CAS Number: 3296-90-0

Date Report Requested: 10/18/2014

Time Report Requested: 13:39:35

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 480

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 90-54452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Ovary

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Clitoral Gland		Ectasia	Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Uterus		Hyperplasia	Cystic, Mild
		Metaplasia	Squamous, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE