

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

C Number:	C61358C
Lock Date:	11/17/1999
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	12/12/2000

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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83005

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-22]			
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 3-21]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 2-23]			
[Hyperplasia TGLS = 2-23]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 4-5]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83005

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hyperplasia	Plasma Cell, Mild
* Thymus		Cyst	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
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Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83006

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, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-23]			
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 3-7]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Mixed Cell Focus	
	Hepatocyte	Syncytial Alteration	Focal, Mild
[Hepatocellular Adenoma TGLS = 5-21,6-22]		Vacuolization Cytoplasmic	Focal, Mild
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
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Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83007

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-21]			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Eosinophilic Focus	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Minimal
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 713
DOSE: 0 MG/KG/DY **DISP:** Moribund Sacrifice **HISTO:** 98-83008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* 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

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone [Hyperostosis TGLS = 7-22]	Vertebra	Hyperostosis	Focal, Moderate
* Intestine Small, Ileum [Hyperplasia TGLS = 8-23]	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Minimal
* Liver [Hepatocellular Adenoma TGLS = 1-21]	Hepatocyte	Hepatocellular Adenoma Infiltration Cellular Syncytial Alteration	Mixed Cell, Mild Focal, Mild
* Lung [Alveolar/Bronchiolar Carcinoma TGLS = 2-2, 3-2-1, 4-2-1, 5-2, 6-2]	Mediastinum	Alveolar/Bronchiolar Carcinoma Inflammation	Multiple Chronic, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
Tooth	Peridont Tiss	Inflammation Malformation	Chronic, Mild Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 713
	DOSE: 0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83008

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* 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

* Intestine Large, Colon	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 3-22]			
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
* Thymus			
Note: Thymus is on slide 3.			
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate
		Malformation	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 729
DOSE: 0 MG/KG/DY **DISP:** Terminal Sacrifice **HISTO:** 98-82715

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-22]			
* Kidney		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-6]			
[Hepatocellular Carcinoma TGLS = 1-21, 2-6]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hyperplasia	Histiocytic, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 5-2, 6-2]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 4-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82715

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Dilatation TGLS = 8-7]	Dilatation	Moderate
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Cecum	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-22]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Adenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thymus			
Note: Thymus is on slides 3 and 3.1.			
Tooth	Peridont Tiss	Inflammation	Chronic, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-26]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 1-22]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-23, 3-24]			
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 729
DOSE: 0 MG/KG/DY **DISP:** Terminal Sacrifice **HISTO:** 98-82717

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-23]			
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Mild
[Nephropathy TGLS = 7-5]			
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-24]			
* Preputial Gland		Degeneration	Cystic, Marked
[Degeneration TGLS = 4-8]			
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82717

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
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Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Lymph Node, Mandibular	* 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

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
Note: One adrenal gland is missing.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 8-22]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
[Hepatocellular Adenoma TGLS = 1-21]			
[Mixed Cell Focus TGLS = 6-6]			
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 7-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82718

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle	Dilatation	Moderate
[Dilatation TGLS = 2-7-1]	Inflammation	Chronic, Mild
[Inflammation TGLS = 3-7-1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82719

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Minimal
[Hyperostosis TGLS = 7-25]			
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21, 4-22, 5-23]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-24]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth	Peridont Tiss	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82720

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 10-27]		
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fibrosis	Focal, Minimal
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	[Hepatocellular Carcinoma TGLS = 1-21, 2-23, 3-24, 4-6, 9-26]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Histiocytic, Focal, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-2, 7-2]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 5-25]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82720

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 633

DOSE: 0 MG/KG/DY

DISP: Natural Death

HISTO: 98-81897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 1-21]			
* Kidney	Renal Tubule	Dilatation	Minimal
Metaplasia			
Nephropathy			
* Liver		Hepatocellular Carcinoma	Multiple
Infiltration Cellular			
	Hepatocyte	Syncytial Alteration	Mixed Cell, Mild
[Hepatocellular Carcinoma TGLS = 2-22]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-23]			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-22]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-5]			
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
Tooth		Malformation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82721

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

Blood Vessel		Inflammation	Chronic, Moderate
Note: Blood vessel showing chronic inflammation is adjacent to thyroid gland, on slide 3.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-24]			
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Mild
[Hepatocellular Carcinoma TGLS = 1-21, 2-22, 3-23]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]			
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-21]	Hepatocyte	Hepatocellular Adenoma Infiltration Cellular Syncytial Alteration	Mixed Cell, Minimal Focal, Minimal
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83013

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-24]			
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-21, 4-22]			
[Vacuolization Cytoplasmic TGLS = 5-23]			
[Vacuolization Cytoplasmic TGLS = 5-23]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-2]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83013

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 2-7]

* Thymus	Cyst	Mild
----------	------	------

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* 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

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-24]			
* Gallbladder		Cyst	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-25]			
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21, 2-22, 3-23]			
* Spleen		Hematopoietic Cell Proliferation	Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 561

DOSE: 0 MG/KG/DY

DISP: Natural Death

HISTO: 97-80782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Bone Marrow			
Note: Bone marrow of sternum, instead of femur, was examined.			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	[Hepatocellular Adenoma TGLS = 2-22]		
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Pigmentation	Focal, Minimal
	[Pigmentation TGLS = 3-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83014

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 1-21]			
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Syncytial Alteration	Focal, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83015

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	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation Metaplasia Nephropathy	Minimal Osseous, Focal, Minimal Minimal
* Liver		Hepatocellular Carcinoma Infiltration Cellular	Multiple Mixed Cell, Minimal
	[Hepatocellular Carcinoma TGLS = 2-21, 3-22, 4-23]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
	[Hyperplasia TGLS = 5-5]		
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Seminal Vesicle		Dilatation	Moderate
	[Dilatation TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-22]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 4-21]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 2-7]			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83017

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-22]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 7-23]			
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Carcinoma	Metastatic (Harderian Gland)
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]			
Mesentery		Angiectasis	Mild
[Angiectasis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Prostate	Epithelium	Hyperplasia	Focal, Mild
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83017

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Degeneration	Cystic, Focal, Minimal
Tooth	Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83018

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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Clear Cell Focus TGLS = 2-22]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
Tooth		Malformation	Moderate
* Trachea			

Note: Epithelial tissue fragment in lumen of trachea is judged to be artifact of microtomy procedure.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 713

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83019

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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 4-22]		Carcinoma	
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 3-21, 5-23]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]		Hematopoietic Cell Proliferation	Moderate

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

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83020

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-21]			
* Kidney	Renal Tubule	Cyst	Mild
		Dilatation	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
		Syncytial Alteration	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83021

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
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Moderate
	[Hepatocellular Carcinoma TGLS = 5-21, 6-22]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
	Fat	Necrosis	Mild
* Pancreas		Fibrosis	Focal, Mild
		Necrosis	Focal, Mild
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82723

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-22]			
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
* Liver		Atrophy	Focal, Moderate
		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
[Atrophy TGLS = 2-23]			
[Clear Cell Focus TGLS = 2-23]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7-1]			
Tooth	Peridont Tiss	Inflammation	Chronic, Mild
		Malformation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82723

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 475
	DOSE: 0 MG/KG/DY	DISP: Natural Death	HISTO: 97-79634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Pancreas	* Spleen
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Liver [Hepatocellular Adenoma TGLS = 3-21]		Hepatocellular Adenoma	
* Lung	Mediastinum	Lymphoma Malignant Lymphoma Malignant	
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate
* Thymus [Lymphoma Malignant TGLS = 4-2]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 7-25]			
* Bone Marrow		Hyperplasia	Moderate
Note: Bone marrow hyperplasia is granulocytic type.			
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 5-5]			
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Moderate
[Hepatocellular Carcinoma TGLS = 6-24]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-23]			
* Preputial Gland		Adenoma	
		Degeneration	Cystic, Moderate
[Adenoma TGLS = 1-21]			
[Degeneration TGLS = 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83022

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82724

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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Multiple
		Hepatocellular Carcinoma	Mixed Cell, Minimal
	Hepatocyte	Infiltration Cellular	Focal, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
		Syncytial Alteration	Focal, Minimal
	[Hemangiosarcoma TGLS = 1-21]		
	[Hepatocellular Carcinoma TGLS = 4-22]		
Mesentery		Hemangiosarcoma	Metastatic (Liver)
	[Hemangiosarcoma TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 675

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83023

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	* 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

* Mammary Gland	* Thymus
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OBSERVATIONS

Blood Vessel			
Note: Aorta is on slide 5 with the heart.			
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Moderate
	[Hepatocellular Carcinoma TGLS = 2-21, 3-6, 4-22, 5-23]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 6-2]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 599

DOSE: 0 MG/KG/DY

DISP: Natural Death

HISTO: 97-81357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Colon	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Kidney		Hepatocellular Carcinoma Nephropathy	Metastatic (Liver) Mild
	[Hepatocellular Carcinoma TGLS = 4-5, 7-5] [Nephropathy TGLS = 7-5]		
* Liver	Hepatocyte	Eosinophilic Focus Hepatocellular Carcinoma	Mild
	[Hepatocellular Carcinoma TGLS = 5-21, 6-6]		
* Lung		Alveolar/Bronchiolar Carcinoma Hepatocellular Carcinoma	Multiple Metastatic (Liver)
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2, 8-2]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-24]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
[Hepatocellular Carcinoma TGLS = 2-22 3-23, 6-6]			
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-23]			
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infarct	Marked
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
[Infarct TGLS = 3-22]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Seminal Vesicle		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83025

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Peridont Tiss	Inflammation	Chronic, Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83027

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	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla is missing.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-24]			
* Bone Marrow		Hemangiosarcoma	
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-25]			
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 3-22, 4-23]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
[Hemangiosarcoma TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83027

ORGAN AND ACCOUNTABLE SITE STATUS			
Tooth	Peridont Tiss	Inflammation Malformation	Chronic, Moderate Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83028

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 1-21]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83029

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-22]			
* Kidney	Renal Tubule	Cyst	Mild
		Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Lymphoma Malignant	
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Focal, Mild
[Clear Cell Focus TGLS = 3-6]		Vacuolization Cytoplasmic	Mild
[Lymphoma Malignant TGLS = 3-6]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-21]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83029

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-5]		
* Seminal Vesicle	Dilatation	Moderate
Note: Some blood is present in lumen of seminal vesicle; "hemorrhage" is not an available diagnosis in TDMS for this study.		
[Dilatation TGLS = 1-7, 2-7-1]		
Tooth	Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 1	SEX: Male	DAY ON TEST: 486
	DOSE: 0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 97-79997

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	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Focal, Moderate
	Hepatocyte	Syncytial Alteration	Focal, Mild
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Pituitary Gland	Pars Distalis	Cyst	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 637
	DOSE: 0 MG/KG/DY	DISP: Natural Death	HISTO: 98-81898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Parathyroid Gland	* Stomach, Glandular
* Thyroid Gland			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 1-21]			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-23]			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Infiltration Cellular	Mixed Cell, Moderate
[Hepatocellular Carcinoma TGLS = 2-22]		Syncytial Alteration	Focal, Mild
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 3-2]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Focal, Mild
		Ulcer	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 637

DOSE: 0 MG/KG/DY

DISP: Natural Death

HISTO: 98-81898

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Pheochromocytoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83030

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hyperplasia	Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 7-24]		
* Kidney		Inflammation	Chronic, Focal, Mild
		Nephropathy	Moderate
* Liver		Cyst	Moderate
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	Note: Cyst is an hematocyst, within cholangiocarcinoma.		
	[Cyst TGLS = 2-21]		
	[Hepatoblastoma TGLS = 2-21]		
	[Hepatocellular Adenoma TGLS = 6-6]		
	[Vacuolization Cytoplasmic TGLS = 5-6]		
* Lung	Interstitium	Edema	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83030

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Dilatation TGLS = 1-7]	Dilatation	Moderate
* Thyroid Gland	Degeneration	Cystic, Focal, Minimal
Tooth	Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82725

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Cranium	Hyperostosis	Moderate
	Vertebra	Hyperostosis	Focal, Moderate
			[Hyperostosis TGLS = 4-25]
			[Hyperostosis TGLS = 5-26]
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Cytomegaly	Mild
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Mild
			[Hepatoblastoma TGLS = 1-21]
			[Hepatocellular Carcinoma TGLS = 1-21, 2-23, 3-24]
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Degeneration	Cystic, Moderate
			[Degeneration TGLS = 6-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82725

ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Erosion	Minimal
	Epithelium	Hyperplasia	Mild
		Inflammation	Focal, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-22]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-21]			
* Heart		Infiltration Cellular	Mixed Cell, Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Mild
[Vacuolization Cytoplasmic TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Lymph Node, Mesenteric
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-21]			
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Minimal
[Hepatocellular Adenoma TGLS = 2-6.1]			
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate
		Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 706

DOSE: 0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-23.1]			
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatoblastoma TGLS = 3-21]			
[Hepatocellular Carcinoma TGLS = 3-21, 4-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine

CAS Number: 23246-96-0

Date Report Requested: 10/20/2014

Time Report Requested: 21:16:38

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 188

DOSE: 0 MG/KG/DY

DISP: Accidentally Killed

HISTO: 96-76954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

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

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

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

MISSING

- * Mammary Gland

OBSERVATIONS

* Liver	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: No lesion observed microscopically was considered to be a cause of death.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-23]	Vertebra	Hyperostosis	Focal, Mild
Harderian Gland [Adenoma TGLS = 1-21]		Adenoma	
* Kidney		Nephropathy	Mild
* Liver [Eosinophilic Focus TGLS = 3-22]		Eosinophilic Focus	
* Preputial Gland [Atrophy TGLS = 2-8]		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83035

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	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Cyst Dilatation Nephropathy	Mild Minimal Minimal
* Liver		Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Minimal
	[Hepatocellular Adenoma TGLS = 5-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Seminal Vesicle		Dilatation	Moderate
	Note: Hemorrhage in present in lumen of seminal vesicle; "hemorrhage" not an available diagnostic term for seminal vesicle in TDMS for this study.		
	[Dilatation TGLS = 2-7, 3-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83036

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	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Cyst	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
	[Vacuolization Cytoplasmic TGLS = 2-6]		
	[Vacuolization Cytoplasmic TGLS = 2-6]		
* Parathyroid Gland		Cyst	Mild
* Seminal Vesicle		Dilatation	Moderate
	[Dilatation TGLS = 1-7]		
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-24]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Carcinoma	Multiple
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 2-21, 3-22, 5-23]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
Zymbal's Gland		Cyst	Squamous, Moderate
[Cyst TGLS = 7-25-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-23]			
* Kidney	Renal Tubule	Cyst	Mild
[Cyst TGLS = 3-21]			
		Dilatation	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Atrophy	Focal, Minimal
[Hepatocellular Adenoma TGLS = 4-22]			
	Hepatocyte, Midzonal	Eosinophilic Focus	Minimal
[Vacuolization Cytoplasmic TGLS = 5-6]			
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-24]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83252

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 52	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-21]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-6]			
Tooth	Peridont Tiss	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-23]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte, Midzonal	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 4-6]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21, 3-22]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-22]			
* Heart	Artery	Inflammation	Chronic, Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Adenoma TGLS = 1-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82747

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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	[Hepatocellular Adenoma TGLS = 1-21, 2-22, 6-23]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 3-8]		
* Seminal Vesicle		Dilatation	Moderate
	[Dilatation TGLS = 4-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83255

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 3-23]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	Multiple
		Hepatocellular Carcinoma	Mixed Cell, Minimal
	Hepatocyte	Infiltration Cellular	Focal, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
[Eosinophilic Focus TGLS = 2-22]		Syncytial Alteration	
[Hepatocellular Carcinoma TGLS = 1-21,6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 57	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82748

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Necrosis	Focal, Moderate
	[Hepatocellular Carcinoma TGLS = 1-21, 3-22, 4-23, 5-24]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
Tongue	Epithelium	Hyperplasia	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 596

DOSE: 0.1 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
Note: Bone marrow hyperplasia is granulocytic type.			
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Intestine Small, Ileum		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
		Histiocytic Sarcoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Histiocytic Sarcoma TGLS = 6-6]			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-22]			
[Histiocytic Sarcoma TGLS = 7-2]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 58	TRT#: 3	SEX: Male	DAY ON TEST: 596
	DOSE: 0.1 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 97-81128

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Histiocytic Sarcoma	
* Preputial Gland [Degeneration TGLS = 8-8]	Degeneration	Cystic, Moderate
* Seminal Vesicle [Dilatation TGLS = 1-7]	Dilatation	Mild
* Spleen [Histiocytic Sarcoma TGLS = 2-6]	Histiocytic Sarcoma	
* Thyroid Gland	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 681

DOSE: 0.1 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose
Oral Mucosa	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 10-26]			
* Intestine Large, Cecum		Edema	Moderate
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
		Hepatocellular Adenoma	
	Hepatocyte	Histiocytic Sarcoma	
[Hepatocellular Adenoma TGLS = 7-25]		Karyomegaly	Mild
[Histiocytic Sarcoma TGLS = 6-24]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Inguinal	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-22]			
[Histiocytic Sarcoma TGLS = 9-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59	TRT#: 3	SEX: Male	DAY ON TEST: 681
	DOSE: 0.1 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83256

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 5-23]	
* Lymph Node, Mesenteric	Histiocytic Sarcoma
[Histiocytic Sarcoma TGLS = 3-21]	
Mesentery	Histiocytic Sarcoma
* Pancreas	Histiocytic Sarcoma
* Spleen	Histiocytic Sarcoma
[Histiocytic Sarcoma TGLS = 1-6]	
* Thymus	Histiocytic Sarcoma
[Histiocytic Sarcoma TGLS = 8-2]	

PRIMARY CAUSE OF DEATH - Spleen Histiocytic Sarcoma

Animal Note: Ductus deferens: Is infiltrated with histiocytic sarcoma cells near junction with urethra. Ductus deferens is not an available TDMS term.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 60	TRT#: 3	SEX: Male	DAY ON TEST: 587
	DOSE: 0.1 MG/KG/DY	DISP: Natural Death	HISTO: 97-81040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Jejunum	* Stomach, Glandular
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte Hepatocyte	Hepatocellular Carcinoma Necrosis Syncytial Alteration	Moderate Focal, Minimal
	[Hepatocellular Carcinoma TGLS = 3-22]		
	[Necrosis TGLS = 1-6]		
* Lung		Hemorrhage	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82749

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	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-23]			
* Liver	Hepatocyte	Hepatocellular Carcinoma	Multiple
	Hepatocyte, Midzonal	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21, 3-22]		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 2-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Medulla

Note: Because no diagnostic term is available for tumor cells in adrenal medulla, diagnosis was made by tissue note, resulting in marking of adrenal medulla "normal".

Note: Adrenal medulla shows infiltration by sarcoma (plasma cell tumor, malignant). No applicable TDMS term is available for more precise diagnosis.

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 5-23]		
* Bone Marrow		Sarcoma	
* Brain	Meninges	Histiocytic Sarcoma	
* Gallbladder		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Dilatation	Minimal
		Histiocytic Sarcoma	
		Nephropathy	Mild
	[Histiocytic Sarcoma TGLS = 2-5]		
* Liver	Hepatocyte	Cytomegaly	Mild
		Eosinophilic Focus	
		Hemorrhage	Focal, Moderate
		Hepatoblastoma	
		Histiocytic Sarcoma	
	Hepatocyte	Karyomegaly	Mild
	[Eosinophilic Focus TGLS = 6-24]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83257

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatoblastoma TGLS = 3-21]			
[Histiocytic Sarcoma TGLS = 4,06+22]			
* Lung	Mediastinum	Histiocytic Sarcoma	
		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Skin	Subcut Tiss	Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: Principal lesion was diagnosed as plasma cell tumor-malignant. Where "plasma cell tumor" was not an available term for a tissue, diagnosis was "sarcoma".

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-21]			
* Heart		Infiltration Cellular	Mixed Cell, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Syncytial Alteration	Focal, Mild
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Thymus		Cyst	Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83259

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-22]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Eosinophilic Focus	Focal, Minimal
	Hepatocyte, Midzonal	Syncytial Alteration	Moderate
[Vacuolization Cytoplasmic TGLS = 5-6]		Vacuolization Cytoplasmic	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 2-7]			
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-22]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82750

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-22]			
* Kidney		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 5-23]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 66	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82750

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83261

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex Note: One adrenal gland is missing.	Capsule	Adenoma	
* Bone [Hyperostosis TGLS = 5-23]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Minimal
* Liver [Clear Cell Focus TGLS = 4-6] [Hepatocellular Carcinoma TGLS = 3-22]	Hepatocyte	Clear Cell Focus Hepatocellular Carcinoma Syncytial Alteration	Focal, Minimal
* Lung Mesentery [Necrosis TGLS = 1-21]	Fat Fat	Alveolar/Bronchiolar Adenoma Necrosis Necrosis	Minimal Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Seminal Vesicle [Dilatation TGLS = 2-7]		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83261

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83262

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-21]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte, Midzonal	Syncytial Alteration	Focal, Minimal
[Vacuolization Cytoplasmic TGLS = 2-6]		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83263

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Capsule	Hyperplasia	Focal, Moderate
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-21]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Syncytial Alteration	Focal, Mild
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 2-7]			
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83264

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-23]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Suppurative, Chronic, Focal, Moderate
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Adenoma TGLS = 3-22]			
[Inflammation TGLS = 2-21, 6-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 5-1]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83265

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	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Cyst	Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-21]			
* Kidney	Pelvis	Dilatation	Mild
	Renal Tubule	Dilatation	Mild
		Nephropathy	Moderate
[Dilatation TGLS = 2-5]			
* Lymph Node, Mesenteric		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-5]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:38
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 5-24]			
* Kidney		Cyst	Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 3-6, 4-23]			
Mesentery		Angiectasis	Mild
	Fat	Necrosis	Mild
[Angiectasis TGLS = 1-21]			
[Necrosis TGLS = 2-22]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 5-24]	Vertebra	Hyperostosis	Focal, Moderate
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 3-22, 4-23]		
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Seminal Vesicle [Dilatation TGLS = 1-7]		Dilatation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 1-21]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
Tooth	Hepatocyte	Syncytial Alteration Malformation	Focal, Minimal Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83269

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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Kidney		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Syncytial Alteration	Focal, Mild
[Hepatocellular Carcinoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-23]			
* Skin		Cyst Epithelial Inclusion	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Erosion	Minimal
	Epithelium	Hyperplasia	Mild
		Inflammation	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 6-23]		
* Intestine Large, Cecum		Diverticulum	
	[Diverticulum TGLS = 4-22]		
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 2-6, 3-21]		
	[Vacuolization Cytoplasmic TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 7-24]		
* Skin	Lip, Subcut Tiss	Hyperplasia	Lymphoid, Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
Tissue NOS	Pelvic	Hemorrhage	Moderate

Note: TGI 1-7 is hemorrhage of prostate. Because hemorrhage not available as TDMS diagnosis for prostate, lesion is diagnosed as affecting Tissue NOS, pelvic.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83270

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83271

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-21]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
Tooth	Peridont Tiss	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 1-21]	Hepatocyte	Hepatocellular Adenoma Infiltration Cellular Necrosis	Mixed Cell, Minimal Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79	TRT#: 3	SEX: Male	DAY ON TEST: 566
	DOSE: 0.1 MG/KG/DY	DISP: Natural Death	HISTO: 97-80783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mesenteric	* Spleen	* Stomach, Glandular	

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83273

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-22]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Syncytial Alteration	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
[Hepatocellular Adenoma TGLS = 1-21]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2, 5-2]			
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 3-7]			
* Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 81	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* 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

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Minimal
* Liver		Congestion	Focal, Mild
		Hemorrhage	Focal, Mild
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
	[Hemorrhage TGLS = 2-6]		
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 82	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Minimal
* Liver [Clear Cell Focus TGLS = 3-21] [Vacuolization Cytoplasmic TGLS = 2-6]	Hepatocyte Hepatocyte, Midzonal	Clear Cell Focus Syncytial Alteration Vacuolization Cytoplasmic	Focal, Minimal Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Seminal Vesicle [Dilatation TGLS = 1-7]		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 83	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82752

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	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Cyst	Mild
Note: One adrenal gland is missing.			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Focal, Mild
[Hepatocellular Adenoma TGLS = 1-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Moderate
[Degeneration TGLS = 2-8]			
[Inflammation TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84	TRT#: 3	SEX: Male	DAY ON TEST: 542
	DOSE: 0.1 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 97-80472

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	* Lung
* Lymph Node, Mandibular	* 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

* Mammary Gland

OBSERVATIONS

* Intestine Small, Ileum	Inflammation	Minimal
Note: Ileum is partially telescoped upon itself (TGL 2-21); that is, there is an intussusception, for which there is no available microscopic TDMS diagnostic term.		
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Carcinoma TGLS = 3-22]		
* Lymph Node, Mesenteric	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-5]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-21]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Mild
* Liver [Hepatoblastoma TGLS = 2-6] [Hepatocellular Carcinoma TGLS = 2-6]		Hepatoblastoma Hepatocellular Carcinoma Infiltration Cellular	Multiple Mixed Cell, Minimal
* Lung * Preputial Gland [Degeneration TGLS = 1-8]		Hepatocellular Carcinoma Degeneration	Metastatic (Liver) Cystic, Moderate
* Spleen Tooth	Peridont Tiss	Hematopoietic Cell Proliferation Inflammation	Mild Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 634

DOSE: 0.1 MG/KG/DY

DISP: Natural Death

HISTO: 98-81899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* 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

* Mammary Gland

AUTO PRECLUDES DIAG.

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

* Intestine Small, Ileum [Lymphoma Malignant TGLS = 4-24]		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Congestion	Focal, Moderate
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Congestion TGLS = 2-22]			
[Hepatocellular Carcinoma TGLS = 1-21, 2-22]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-23]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Mild
* Liver [Hepatocellular Carcinoma TGLS = 6-22]	Hepatocyte Hepatocyte	Basophilic Focus Hepatocellular Carcinoma Infiltration Cellular Vacuolization Cytoplasmic	Minimal Mixed Cell, Minimal Focal, Minimal
* Lung [Alveolar/Bronchiolar Carcinoma TGLS = 3-2]		Alveolar/Bronchiolar Carcinoma	
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate
* Seminal Vesicle [Dilatation TGLS = 5-7]		Dilatation	Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 434

DOSE: 0.1 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-79236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Heart	Artery	Inflammation	Chronic, Moderate
* Kidney		Nephropathy	Mild
	Renal Tubule	Vacuolization Cytoplasmic	Mild
* Liver		Congestion	Focal, Mild
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Moderate
	[Congestion TGLS = 3-21]		
	Mesentery	Artery	Inflammation
	[Inflammation TGLS = 2-7]		Chronic, Focal, Mild
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Urin Bladder			

Note: Urinary bladder contains semen coagulum.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-21.1]			
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-4]			
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mixed Cell, Minimal
	Hepatocyte	Infiltration Cellular	
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte, Midzonal	Syncytial Alteration	Focal, Mild
[Eosinophilic Focus TGLS = 1-6]		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 1-6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-22]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Prostate	Epithelium	Hyperplasia	Focal, Mild
* Seminal Vesicle		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83277

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 3-7]

* Thymus	Cyst	Mild
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 4-23]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-21, 3-22]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Thymus		Cyst	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

Note: Due to missing nose sections, gross lesion of tooth (TGL 5) could not be examined microscopically.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 91	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82753

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	* 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

* Mammary Gland

OBSERVATIONS

* Kidney		Infarct	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Syncytial Alteration	Focal, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple

[Alveolar/Bronchiolar Adenoma TGLS = 5-24]
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2, 6-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 633

DOSE: 0.1 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-81900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 2-22]			
* Bone Marrow		Hyperplasia	Mild
Note: Bone marrow hyperplasia is granulocytic type.			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Mild
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83279

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	Tissue NOS	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-23]			
* Islets Panc			
Note: Large ("giant") pancreatic islets are considered to be within normal size range for old B6C3F1 mice, rather than representing proliferative lesions.			
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	Multiple
		Infarct	Marked
[Hemangiosarcoma TGLS = 3-22]			
[Hepatocellular Carcinoma TGLS = 2-21, 3-22]			
[Infarct TGLS = 3-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-24]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Adenoma	
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83279

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 6-25]	Vertebra	Hyperostosis	Focal, Mild
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Minimal
* Liver [Hepatocellular Carcinoma TGLS = 2-21, 3-22, 4-23, 5-24]	Hepatocyte	Hepatocellular Carcinoma Infiltration Cellular Vacuolization Cytoplasmic	Multiple Mixed Cell, Minimal Focal, Minimal
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83281

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Capsule	Hyperplasia	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-22]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-21]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Bone [Hyperostosis TGLS = 6-23]	Vertebra	Hyperostosis	Focal, Mild
* Heart		Infiltration Cellular	Mixed Cell, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Infarct	Moderate
[Hepatocellular Carcinoma TGLS = 1-21, 2-22]		Infiltration Cellular	Mixed Cell, Mild
		Syncytial Alteration	Focal, Minimal
* Lung [Alveolar/Bronchiolar Carcinoma TGLS = 5-24]		Alveolar/Bronchiolar Carcinoma	
* Nose	Sinus	Foreign Body	Moderate
		Inflammation	Suppurative, Moderate
* Preputial Gland [Degeneration TGLS = 3-8]		Degeneration	Cystic, Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.1 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82754

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Degeneration	Cystic, Focal, Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 696

DOSE: 0.1 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83282

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	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 7-23]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 4-21, 5-22]			
* Lung		Congestion	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
[Congestion TGLS = 6-2]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 696

DOSE: 0.1 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83282

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83283

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 2-22]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Clear Cell Focus TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83284

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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Cytoplasmic Alteration	Focal, Mild
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
	Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Inflammation	Chronic, Marked
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.1 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82755

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
Note: One adrenal gland is missing.			
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 6-23]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Hepatocellular Adenoma	Multiple
		Syncytial Alteration	Focal, Minimal
[Hepatocellular Adenoma TGLS = 1-21, 4-22]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-25]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Kidney		Nephropathy	Moderate
* Liver	Hepatocyte	Hepatocellular Carcinoma	Multiple
	Hepatocyte	Necrosis	Focal, Mild
[Hepatocellular Carcinoma TGLS = 3-22, 4-6, 5-23, 6-24]		Syncytial Alteration	Focal, Minimal
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 8-2-1]			
[Hyperplasia TGLS = 9-2]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83217

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 592
DOSE: 0.3 MG/KG/DY **DISP:** Natural Death **HISTO:** 97-81129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver		Congestion	Moderate
	Hepatocyte	Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1-21, 2-22]	Syncytial Alteration	Focal, Minimal
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 3-6]	Hematopoietic Cell Proliferation	Moderate
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 103

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83218

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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Kidney		Cyst	Mild
	Renal Tubule	Dilatation	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Eosinophilic Focus	
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Moderate
	[Eosinophilic Focus TGLS = 3-6]		
	[Vacuolization Cytoplasmic TGLS = 3-6]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 104

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83219

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	* Islets, Pancreatic	Larynx	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 4-22]		Adenoma	
* Heart	Artery	Inflammation	Chronic, Mild
* Intestine Small, Jejunum [Hyperplasia TGLS = 3-21]	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney		Cyst	Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate
* Seminal Vesicle [Dilatation TGLS = 2-7]		Dilatation	Mild
* Spleen		Hemangiosarcoma	
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82734

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	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Syncytial Alteration	Focal, Minimal
	Vacuolization Cytoplasmic	Mild

[Hepatocellular Adenoma TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 106

TRT#: 4

SEX: Male

DAY ON TEST: 720

DOSE: 0.3 MG/KG/DY

DISP: Natural Death

HISTO: 98-83220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 9-24]			
* Kidney		Congestion	Mild
[Congestion TGLS = 5-5]		Nephropathy	Minimal
* Liver	Hepatocyte	Congestion	Focal, Marked
[Congestion TGLS = 7-22]		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 6-21, 7-22, 8-23]		Syncytial Alteration	Focal, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 10-25]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 3-7]			
* Spleen		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine

CAS Number: 23246-96-0

Date Report Requested: 10/20/2014

Time Report Requested: 21:16:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 4

SEX: Male

DAY ON TEST: 720

DOSE: 0.3 MG/KG/DY

DISP: Natural Death

HISTO: 98-83220

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83221

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	* Islets, Pancreatic	* Lung	Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-22]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Syncytial Alteration	Focal, Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Spleen		Hyperplasia	Lymphoid
* Thymus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82735

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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
		Hepatocellular Carcinoma	
		Infarct	Marked
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
	[Hepatocellular Carcinoma TGLS = 1-21, 2-22]		
	[Infarct TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 3-8]		
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney [Congestion TGLS = 5-5]	Artery	Congestion Inflammation Nephropathy	Moderate Chronic, Minimal Minimal
* Liver [Hepatocellular Carcinoma TGLS = 3-21]	Hepatocyte	Hepatocellular Carcinoma Infiltration Cellular Syncytial Alteration	Mixed Cell, Mild Focal, Minimal
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110

TRT#: 4

SEX: Male

DAY ON TEST: 657

DOSE: 0.3 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Intestine Large, Cecum		Edema	Moderate
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Histiocytic Sarcoma	
		Nephropathy	Moderate
[Histiocytic Sarcoma TGLS = 4-5]			
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
	Hepatocyte	Karyomegaly	Moderate
	Centrilobular, Hepatocyte	Necrosis	Marked
[Hepatocellular Carcinoma TGLS = 3-6]			
[Histiocytic Sarcoma TGLS = 3-6]			
* Lung		Histiocytic Sarcoma	
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Skin	Subcut Tiss	Edema	Mild
[Edema TGLS = 1-8]			
* Spleen		Histiocytic Sarcoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110

TRT#: 4

SEX: Male

DAY ON TEST: 657

DOSE: 0.3 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83223

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Inflammation

Focal, Moderate

Ulcer

Moderate

Degeneration

Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111

TRT#: 4

SEX: Male

DAY ON TEST: 614

DOSE: 0.3 MG/KG/DY

DISP: Natural Death

HISTO: 97-81767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Colon	* Islets, Pancreatic
* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Adrenal Cortex	Capsule	Leiomyosarcoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-24]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 8-25]			
* Kidney		Congestion	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
		Leiomyosarcoma	
	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
Note: Liver sarcoma is same neoplasm as diagnosed elsewhere in this mouse as "leiomyosarcoma", which is not an available term for liver in TDMS menu.			
			[Hepatocellular Carcinoma TGLS = 2-6, 3-22, 4-23]
			[Leiomyosarcoma TGLS = 2-6, 3-22, 4-23]
* Lung		Congestion	Moderate
* Lymph Node, Mesenteric		Congestion	Marked
		Hemorrhage	Moderate
		Leiomyosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111

TRT#: 4

SEX: Male

DAY ON TEST: 614

DOSE: 0.3 MG/KG/DY

DISP: Natural Death

HISTO: 97-81767

ORGAN AND ACCOUNTABLE SITE STATUS

[Congestion TGLS = 5-5]		
[Hemorrhage TGLS = 5-5]		
[Leiomyosarcoma TGLS = 4-23, 5-5]		
Mesentery	Leiomyosarcoma	
[Leiomyosarcoma TGLS = 1-21, 4-23]		
* Nose	Inflammation	Suppurative, Moderate
* Pancreas	Leiomyosarcoma	
[Leiomyosarcoma TGLS = 1-21, 4-23]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Leiomyosarcoma	
* Stomach, Glandular	Leiomyosarcoma	
Tooth	Peridont Tiss	Inflammation
		Chronic, Moderate

PRIMARY CAUSE OF DEATH

- Liver Leiomyosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

Animal Note: Widespread abdominal tumor of uniform type is diagnosed as "leiomyosarcoma", or as "sarcoma" for tissues where "leiomyosarcoma" is not available in TDMS menu.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* 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

* Intestine Large, Colon	* Mammary Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Hepatocellular Carcinoma	
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Syncytial Alteration	Focal, Mild
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-2]		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
		Infiltration Cellular	Polymorphnuclr, Moderate
* Seminal Vesicle [Dilatation TGLS = 1-7]		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82736

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-22]			
* Epididymis		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-7]			
* Kidney	Renal Tubule	Congestion	Mild
		Dilatation	Minimal
		Nephropathy	Minimal
[Congestion TGLS = 5-5]			
* Liver	Hepatocyte, Midzonal	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 3-8]			
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83225

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cyst	Moderate
	Capsule	Hyperplasia	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-22]			
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Minimal
		Karyomegaly	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
[Hemorrhage TGLS = 4-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Thymus		Cyst	Moderate
Tooth	Peridont Tiss	Fibrosarcoma	
	Peridont Tiss	Inflammation	Chronic, Moderate
		Malformation	Mild
[Fibrosarcoma TGLS = 5-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 115

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82737

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	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21]			
* Nose	Sinus	Foreign Body	Moderate
	Sinus	Inflammation	Suppurative, Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83226

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	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Hepatocellular Adenoma	
	Hepatocyte, Midzonal	Syncytial Alteration	Focal, Minimal
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 3-21]		
	[Vacuolization Cytoplasmic TGLS = 1-6]		
* Seminal Vesicle		Dilatation	Moderate
		[Dilatation TGLS = 2-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82738

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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Adenoma	
		Infarct	Marked
	Hepatocyte	Karyomegaly	Minimal
Note: infarction of adenoma			
[Hepatocellular Adenoma TGLS = 2-22]			
[Infarct TGLS = 2-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 118

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83227

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	* 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

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Moderate
Tooth	Peridont Tiss	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-24]			
* Kidney	Renal Tubule	Congestion	Mild
		Dilatation	Minimal
		Nephropathy	Minimal
[Congestion TGLS = 5-5]			
* Liver	Hepatocyte	Hepatocellular Adenoma	Multiple
		Syncytial Alteration	Focal, Minimal
[Hepatocellular Adenoma TGLS = 2-21, 4-23]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 120

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83229

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
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Minimal
[Hyperostosis TGLS = 6-24]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 7-25]			
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 5-23]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
Mesentery		Inflammation	Chronic, Mild
	Fat	Necrosis	Moderate
[Inflammation TGLS = 3-22]			
[Necrosis TGLS = 1-21, 3-22]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 120

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83229

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83230

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-22]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Kidney		Nephropathy	Mild
* Liver		Congestion	Focal, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Mild
[Congestion TGLS = 5-24]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Thyroid Gland	Follicle	Cyst	Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122

TRT#: 4

SEX: Male

DAY ON TEST: 567

DOSE: 0.3 MG/KG/DY

DISP: Natural Death

HISTO: 97-80784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	[Hepatocellular Adenoma TGLS = 3-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Histiocytic, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]		
	[Hyperplasia TGLS = 2-2]		
Lymph Node	Bronchial	Hyperplasia	Plasma Cell, Moderate
	[Hyperplasia TGLS = 4-2]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122

TRT#: 4

SEX: Male

DAY ON TEST: 567

DOSE: 0.3 MG/KG/DY

DISP: Natural Death

HISTO: 97-80784

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 5-23]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Mild
* Liver [Hepatocellular Adenoma TGLS = 1-21] [Vacuolization Cytoplasmic TGLS = 2-22]	Hepatocyte Hepatocyte	Hepatocellular Adenoma Syncytial Alteration Vacuolization Cytoplasmic	Focal, Minimal Focal, Mild
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-24, 4-25]		Alveolar/Bronchiolar Adenoma	Multiple
* Spleen		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder Note: Urinary bladder calculus is semen coagulum.		Calculus Micro Observation Only	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Moderate
* Intestine Large, Cecum		Carcinoma	
* Kidney		Cyst	Mild
		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Skin [Fibrosarcoma TGLS = 1-24, 3-22, 4-23]	Subcut Tiss	Fibrosarcoma	Multiple
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-23]			
* Heart		Inflammation	Chronic, Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 2-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 126

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-22]			
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Mild
* Liver [Hepatocellular Adenoma TGLS = 1-21]	Hepatocyte	Hepatocellular Adenoma Syncytial Alteration	Focal, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 1-21]			
* Kidney	Renal Tubule	Cyst	Mild
		Dilatation	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Mixed Cell Focus	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Seminal Vesicle		Dilatation	Moderate
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Minimal
[Hyperostosis TGLS = 4-22]			
* Brain		Angiectasis Pigmentation	Focal, Mild Focal, Mild
Note: Brain focus of angiectasis and pigmentation is located in ventrolateral cerebral cortex, in the pyriform lobe, which is known also as the olfactory brain.			
Note: Brain pigment is located mainly within phagocytes.			
[Angiectasis TGLS = 5-1]			
[Pigmentation TGLS = 5-1]			
* Gallbladder			
Note: Gallbladder is on slide 21.			
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Minimal
* Liver	Hepatocyte Hepatocyte, Midzonal	Hepatocellular Adenoma Syncytial Alteration Vacuolization Cytoplasmic	Focal, Minimal Mild
[Hepatocellular Adenoma TGLS = 1-21]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
Lymph Node	Inguinal	Inflammation	Chronic, Focal, Mild
* Lymph Node, Mesenteric		Inflammation	Suppurative, Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 0.3 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82741

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Degeneration TGLS = 2-8]		Degeneration	Cystic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 130

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-22]			
* Kidney	Renal Tubule	Cyst	Minimal
		Dilatation	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte, Periportal	Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 2-21]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 1-7]			
Tooth	Peridont Tiss	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 131

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83236

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-24]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 3-23]			
[Hepatocellular Adenoma TGLS = 2-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 1-21]	Vertebra	Hyperostosis	Focal, Mild
Harderian Gland [Adenoma TGLS = 2-22]		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Syncytial Alteration	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

Note: Pituitary hyperplasia involves acidophilic cells.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 133

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83238

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 6-26]		
* Kidney	Artery	Inflammation	Chronic, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Syncytial Alteration	Focal, Mild
	[Hepatocellular Carcinoma TGLS = 1-21, 2-22]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Histiocytic, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-23, 5-25]		
	[Hyperplasia TGLS = 4-24]		
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 713
DOSE: 0.3 MG/KG/DY **DISP:** Natural Death **HISTO:** 98-83239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Pituitary Gland	* Stomach, Glandular	

OBSERVATIONS

* Bone [Hyperostosis TGLS = 6-24]	Vertebra	Hyperostosis	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemorrhage	Focal, Moderate
		Hepatocellular Carcinoma	Multiple
		Histiocytic Sarcoma	
	Hepatocyte	Karyomegaly	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 3-21, 4-22]			
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 135

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-21]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Mild
* Liver [Hepatocellular Adenoma TGLS = 1-6] [Vacuolization Cytoplasmic TGLS = 1-6]	Hepatocyte Hepatocyte Hepatocyte	Cytomegaly Hepatocellular Adenoma Karyomegaly Vacuolization Cytoplasmic	Minimal Minimal Focal, Mild
* Preputial Gland [Degeneration TGLS = 2-8]		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-22]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-23]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-24]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 137

TRT#: 4

SEX: Male

DAY ON TEST: 619

DOSE: 0.3 MG/KG/DY

DISP: Natural Death

HISTO: 97-81768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular
* 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

* Gallbladder	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 6-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Minimal
	Hepatocyte	Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
		Karyomegaly	Minimal
* Lung [Hepatocellular Carcinoma TGLS = 1-21]		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen [Hepatocellular Carcinoma TGLS = 3-2]		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
		[Hematopoietic Cell Proliferation TGLS = 4-6]	
		[Hyperplasia TGLS = 4-6]	

PRIMARY CAUSE OF DEATH

- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 138

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83241

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Mammary Gland Peripheral Nerve

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Capsule	Adenoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 1-21]		
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Cytomegaly	Minimal
	Hepatocyte	Karyomegaly	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 139

TRT#: 4

SEX: Male

DAY ON TEST: 728

DOSE: 0.3 MG/KG/DY

DISP: Natural Death

HISTO: 98-83242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex Note: TGL 5 involves liver, not adrenal gland.	Capsule	Fibrosis	Focal, Moderate
* Bone [Hyperostosis TGLS = 8-23]	Vertebra Vertebra	Hyperostosis Hyperostosis	Focal, Moderate Focal, Mild
* Kidney		Nephropathy	Mild
* Liver Note: TGL 5 involves liver, not adrenal gland. [Hepatocellular Carcinoma TGLS = 5-21, 6-22] [Infarct TGLS = 6-22]	Centrilobular, Hepatocyte	Hepatocellular Carcinoma Infarct Necrosis	Moderate
* Lung [Hepatocellular Carcinoma TGLS = 7-24]		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin [Edema TGLS = 1-8]	Subcut Tiss	Edema	Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 139	TRT#: 4	SEX: Male	DAY ON TEST: 728
	DOSE: 0.3 MG/KG/DY	DISP: Natural Death	HISTO: 98-83242

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Mild
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 0.3 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82743

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Kidney	Pelvis	Dilatation	Mild
	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Syncytial Alteration	Focal, Mild
	[Hepatocellular Carcinoma TGLS = 1-2, 2-22]		
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83243

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
	Capsule	Hyperplasia	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-23]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]		Syncytial Alteration	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-24]		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-24]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141	TRT#: 4	SEX: Male	DAY ON TEST: 734
	DOSE: 0.3 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83243

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Peridont Tiss	Inflammation Malformation	Chronic, Moderate Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142

TRT#: 4

SEX: Male

DAY ON TEST: 700

DOSE: 0.3 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 8-24]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Hyperplasia Nephropathy	Lymphoid, Mild Mild
* Liver	Hepatocyte	Cytomegaly Hepatocellular Carcinoma Infiltration Cellular	Moderate Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
	[Hepatocellular Carcinoma TGLS = 7-23]		
Mesentery [Necrosis TGLS = 2-21, 3-22]	Fat	Necrosis	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-6]		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83245

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 1-21]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Syncytial Alteration	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelline

CAS Number: 23246-96-0

Date Report Requested: 10/20/2014

Time Report Requested: 21:16:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 144

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|--------------------------|
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * 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

- | | |
|-------------------|-----------------|
| * Adrenal Medulla | * Mammary Gland |
|-------------------|-----------------|

OBSERVATIONS

- | | | | |
|------------------------------------------------------------------------------------------|------------|----------------------------------|---------------------|
| * Adren Medulla | | | |
| Note: One adrenal gland is missing; section of the gland that is present has no medulla. | | | |
| * Adrenal Cortex | Capsule | Adenoma | |
| Note: One adrenal gland is missing. | | | |
| * Bone | Vertebra | Hyperostosis | Focal, Moderate |
| [Hyperostosis TGLS = 2-22] | | | |
| Harderian Gland | | Adenoma | |
| [Adenoma TGLS = 1-21] | | | |
| * Intestine Small, Jejunum | | Inflammation | Focal, Moderate |
| * Kidney | | Nephropathy | Mild |
| * Liver | | Infiltration Cellular | Mixed Cell, Minimal |
| | Hepatocyte | Necrosis | Focal, Minimal |
| | Hepatocyte | Syncytial Alteration | Focal, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Tooth | | Malformation | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83247

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-21]			
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Minimal
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 1-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 146

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 4-22]			
* Kidney	Renal Tubule	Dilatation	Mild
[Nephropathy TGLS = 1-5]		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Adenoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
* Pituitary Gland	Pars Intermed	Cyst	Mild
* Thymus		Cyst	Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82744

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	* 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

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Necrosis	Focal, Minimal
	[Hepatocellular Carcinoma TGLS = 1-21, 4-22]	Syncytial Alteration	Focal, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]	Hyperplasia	Histiocytic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 148

TRT#: 4

SEX: Male

DAY ON TEST: 722

DOSE: 0.3 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-24]			
* Kidney	Renal Tubule	Cyst	Mild
		Dilatation	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 2-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 3-22]			
[Hyperplasia TGLS = 4-23]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83250

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla is missing.			
* Adrenal Cortex	Capsule	Adenoma	Focal, Minimal
		Cytoplasmic Alteration	
		Hyperostosis	Focal, Mild
* Bone	Vertebra		
[Hyperostosis TGLS = 5-21]			
* Kidney		Atrophy	Focal, Moderate
		Inflammation	Chronic, Focal, Moderate
		Nephropathy	Moderate
[Atrophy TGLS = 3-5]			
[Inflammation TGLS = 3-5]			
[Nephropathy TGLS = 3-5]			
* Liver	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
		Syncytial Alteration	Focal, Minimal
		Degeneration	Cystic, Moderate
* Preputial Gland			
[Degeneration TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Mild
* Stomach, Forestomach		Diverticulum	Mild
[Diverticulum TGLS = 4-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83250

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 150

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-21]	Vertebra	Hyperostosis	Focal, Mild
* Kidney	Renal Tubule	Dilatation Nephropathy	Mild Mild
* Liver [Clear Cell Focus TGLS = 5-25]	Hepatocyte Hepatocyte Hepatocyte	Clear Cell Focus Cytomegaly Karyomegaly Syncytial Alteration	Mild Mild Focal, Mild
* Lung Note: Lung masses seen grossly (TGL 1, 2, and 4) are metastatic carcinomas, probably of liver origin. [Carcinoma TGLS = 1-22, 2-23, 4-24]		Alveolar/Bronchiolar Adenoma Carcinoma	Metastatic (Uncertain Primary Site)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83185

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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney		Cyst	Mild
	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
[Cyst TGLS = 3-22]			
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Carcinoma	
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 2-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82745

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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Glomerulus	Glomerulosclerosis Metaplasia Nephropathy	Minimal Osseous, Focal, Mild Mild
* Liver	Hepatocyte Hepatocyte Centrilobular, Hepatocyte	Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis Syncytial Alteration Vacuolization Cytoplasmic	Focal, Minimal Focal, Mild Mild

[Hepatocellular Adenoma TGLS = 1-21]

[Hepatocellular Carcinoma TGLS = 2-22]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-21]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Minimal
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 2-2]		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82727

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Carcinoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-23]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21, 4-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: Lung: Small metastatic lesion of hepatocellular carcinoma is present on lung slide 2-1.			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 554

DOSE: 1.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-80512

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, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Kidney	Glomerulus	Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver		Metaplasia	Lipocyte, Focal, Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 5
DOSE: 1.0 MG/KG/DY

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 707
HISTO: 98-83187

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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Adenoma	Multiple
* Kidney	Glomerulus	Glomerulosclerosis	Marked
	Papilla	Necrosis	Moderate
		Nephropathy	Marked
	[Nephropathy TGLS = 3-5]		
* Liver		Congestion	Focal, Moderate
	Hepatocyte	Cytomegaly	Moderate
	Sinusoid	Dilatation	Diffuse, Marked
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Marked
	Note: Liver sinusoids are dilated and contain finely fi- brillar, more-or-less hyaline, and palely eosinophilic substance--probably plasma protein(s) or amyloid.		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
Skeletal Muscle		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 8-23]		
* Skin	Subcut Tiss	Edema	Mild
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
	[Hemangiosarcoma TGLS = 1-22]		
	[Hematopoietic Cell Proliferation TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 707

DOSE: 1.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83187

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Degeneration

Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

CONTRIBUTORY CAUSE OF DEATH

- Skeletal Muscle Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 639

DOSE: 1.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-81901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemorrhage	Focal, Moderate
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
	[Hemorrhage TGLS = 2-6]		
	[Hepatocellular Carcinoma TGLS = 2-6]		
	[Necrosis TGLS = 2-6]		
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 639

DOSE: 1.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-81901

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 1-8]

[Inflammation TGLS = 1-8]

* Spleen

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Centrilobular Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83188

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	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver		Angiectasis	Mild
	Hepatocyte	Cytomegaly	Minimal
	Endothel Cell	Hyperplasia	Focal, Mild
	Hepatocyte	Karyomegaly	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	

[Alveolar/Bronchiolar Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 507

DOSE: 1.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-80080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Brain		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 5-1]			
* Kidney	Glomerulus	Glomerulosclerosis	Mild
		Histiocytic Sarcoma	
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
		Histiocytic Sarcoma	
	Hepatocyte	Karyomegaly	Mild
	Centrilobular, Hepatocyte	Necrosis	Moderate
[Histiocytic Sarcoma TGLS = 3-6]			
[Necrosis TGLS = 3-6]			
* Lung		Hemorrhage	Moderate
		Histiocytic Sarcoma	
[Hemorrhage TGLS = 4-2]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 507

DOSE: 1.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-80080

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

- Lung Hemorrhage

CONTRIBUTORY CAUSE OF DEATH

- Liver Centrilobular Hepatocyte Necrosis;Lung Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83189

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	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney		Cyst	Minimal
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-2]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83190

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	* 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

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney		Congestion	Mild
	Renal Tubule	Dilatation	Minimal
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
[Congestion TGLS = 1-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 2-7]			
Tooth	Peridont Tiss	Inflammation	Chronic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83191

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	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 2-22]		Adenoma	
* Intestine Small, Jejunum [Carcinoma TGLS = 7-3, 7-24]		Carcinoma	
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Mild
Note: Kidney: Metaplastic osseous focus in kidney includes metaplastic but histologically-normal bone marrow tissue. Metaplastic bone marrow rarely occurs.			
		[Dilatation TGLS = 4-5]	
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemorrhage	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
	Endothel Cell	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 1.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83191

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 5-6]			
[Hyperplasia TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-23]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Skin		Ulcer	Mild
[Ulcer TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Mild Mild Minimal
* Liver [Congestion TGLS = 2-6]	Hepatocyte	Clear Cell Focus Congestion Syncytial Alteration	Focal, Mild Focal, Minimal
* Preputial Gland [Degeneration TGLS = 1-21]		Degeneration	Cystic, Moderate
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Fibrosis	Marked
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 8-25]			
Coagulating Gland		Histiocytic Sarcoma	
* Epididymis		Histiocytic Sarcoma	
* Heart		Histiocytic Sarcoma	
* Kidney	Glomerulus	Glomerulosclerosis	Mild
		Histiocytic Sarcoma	
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
* Lung	Mediastinum	Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-2]			
[Histiocytic Sarcoma TGLS = 6-24]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-8]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-23]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83193

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Histiocytic Sarcoma TGLS = 2-21, 3-22, 4-23]	Histiocytic Sarcoma	
* Pancreas	Histiocytic Sarcoma	
* Preputial Gland [Degeneration TGLS = 1-8]	Degeneration	Cystic, Moderate
* Prostate	Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH -

Animal Note: Multiple organs of this animal were affected by a poorly-differentiated carcinom a of uncertain site of origin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 165 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 661
DOSE: 1.0 MG/KG/DY **DISP:** Natural Death **HISTO:** 98-83194

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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Kidney	Glomerulus	Glomerulosclerosis Nephropathy	Mild Mild
* Liver	Hepatocyte	Cytomegaly Hemorrhage Hepatocellular Carcinoma	Mild Focal, Mild
	Hepatocyte Centrilobular, Hepatocyte	Karyomegaly Necrosis	Mild Marked
	[Hepatocellular Carcinoma TGLS = 4-21]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Stomach, Glandular		Pigmentation	Focal, Mild
	[Pigmentation TGLS = 5-4]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83195

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
		Hemorrhage	Focal, Moderate
		Hepatocellular Carcinoma	
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
	[Hemorrhage TGLS = 1-21]		
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167	TRT#: 5	SEX: Male	DAY ON TEST: 734
	DOSE: 1.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83196

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	* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma Cytoplasmic Alteration Hypertrophy	Focal, Mild Mild
* Kidney	Glomerulus	Glomerulosclerosis Nephropathy	Mild Mild
* Liver	Hepatocyte Hepatocyte	Cytomegaly Karyomegaly	Minimal Minimal
* Preputial Gland		Degeneration	Cystic, Moderate

[Degeneration TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168	TRT#: 5	SEX: Male	DAY ON TEST: 582
	DOSE: 1.0 MG/KG/DY	DISP: Natural Death	HISTO: 97-81041

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Histiocytic Sarcoma TGLS = 4-5]		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
* Nose		Histiocytic Sarcoma	
* Skin	Subcut Tiss	Edema	Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH	- Liver Histiocytic Sarcoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-22]			
* Kidney	Renal Tubule	Cyst	Minimal
	Glomerulus	Dilatation	Mild
		Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hemangiosarcoma	
		Hepatocellular Adenoma	
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Minimal
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
* Parathyroid Gland			
Note: Parathyroid gland is on slide 2, adjacent to thymus.			
* Preputial Gland		Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83197

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 5
DOSE: 1.0 MG/KG/DY

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 98-82757

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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Glomerulus	Glomerulosclerosis Nephropathy	Minimal Mild
* Liver	Hepatocyte	Hepatocellular Carcinoma Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung	Pancreatic	Hepatocellular Carcinoma Hyperplasia	Metastatic (Liver) Lymphoid, Moderate
Lymph Node			
[Hyperplasia TGLS = 4-7-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-5]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171

TRT#: 5
DOSE: 1.0 MG/KG/DY

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 98-83198

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-22]			
* Kidney	Renal Tubule	Cyst	Mild
	Glomerulus	Dilatation	Mild
		Glomerulosclerosis	Minimal
		Metaplasia	Osseous, Focal, Minimal
[Nephropathy TGLS = 5-5]		Nephropathy	Moderate
* Liver	Hepatocyte	Angiectasis	Mild
	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
[Angiectasis TGLS = 6-21]		Syncytial Alteration	Focal, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2, 3-2, 4-2]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 172

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Heart		Infiltration Cellular	Mixed Cell, Minimal
	Artery	Inflammation	Chronic, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Minimal
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21]			
Mesentery	Artery	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-22.1]	Vertebra	Hyperostosis	Focal, Moderate
* Heart	Artery	Inflammation	Chronic, Mild
* Kidney	Renal Tubule	Dilatation	Minimal
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Karyomegaly	Minimal
			[Hepatocellular Adenoma TGLS = 1-21]
* Lung		Alveolar/Bronchiolar Adenoma	
* Spleen	Artery	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 174

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83199

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	* 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

* Mammary Gland

OBSERVATIONS

* Kidney	Glomerulus	Glomerulosclerosis Metaplasia Nephropathy	Minimal Osseous, Focal, Mild Mild
* Liver		Congestion Infiltration Cellular	Focal, Mild Mixed Cell, Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	[Congestion TGLS = 2-21]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex Note: One adrenal gland is missing.		Cytoplasmic Alteration	Marked
* Bone [Hyperostosis TGLS = 12-27]	Vertebra	Hyperostosis	Focal, Mild
* Bone Marrow Harderian Gland [Adenoma TGLS = 13-28]		Lymphoma Malignant Adenoma	
* Intestine Small, Ileum		Lymphoma Malignant	
* Kidney		Nephropathy	Mild
* Liver [Hepatocellular Carcinoma TGLS = 1-21]	Hepatocyte	Cytomegaly Hepatocellular Carcinoma Infiltration Cellular Karyomegaly	Minimal Mixed Cell, Mild Minimal
* Lung [Hyperplasia TGLS = 11-2-1]	Alveolar Epith Mediastinum	Hyperplasia Lymphoma Malignant Lymphoma Malignant	Mild
Lymph Node	Iliac Mediastinal	Lymphoma Malignant Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 1.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82729

ORGAN AND ACCOUNTABLE SITE STATUS

Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-26]		
[Lymphoma Malignant TGLS = 5-23]		
[Lymphoma Malignant TGLS = 6-24]		
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
Note: The term, "mesenteric lymph node", includes celiac lymph node (TGL 8) and other mesenteric lymph nodes.		
[Lymphoma Malignant TGLS = 4-22, 8-25]		
Mesentery	Lymphoma Malignant	
* Preputial Gland	Degeneration	Cystic, Moderate
[Degeneration TGLS = 14-8]		
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]		
* Thymus	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83200

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
* 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	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Focal, Mild Mild
* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Mild
* Intestine Small, Jejunum [Carcinoma TGLS = 3-22]		Carcinoma	
* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Minimal Minimal Mild
* Liver	Hepatocyte Hepatocyte Hepatocyte	Cytomegaly Karyomegaly Vacuolization Cytoplasmic	Minimal Minimal Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-23]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]		Carcinoma	
[Carcinoma TGLS = 5-24]			
* Kidney	Renal Tubule	Cyst	Minimal
	Glomerulus	Dilatation	Minimal
		Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Angiectasis	Mild
	Endothel Cell	Cytomegaly	Mild
		Hyperplasia	Focal, Minimal
	Hepatocyte	Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
[Angiectasis TGLS = 3-6]		Syncytial Alteration	Focal, Minimal
* Lung		Hyperplasia	Histiocytic, Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83201

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Lung pigment is within histiocytes, in alveoli.

Pigmentation

Focal, Mild

Tooth

Peridont Tiss

Inflammation

Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178

TRT#: 5

SEX: Male

DAY ON TEST: 566

DOSE: 1.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-80785

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	* 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

* Mammary Gland

OBSERVATIONS

* Kidney		Congestion	Moderate
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
[Congestion TGLS = 1-5]			
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic, Minimal
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Adenoma TGLS = 4-23]			
[Hepatocellular Carcinoma TGLS = 2-21, 3-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 179

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Minimal Minimal Mild
* Liver	Hepatocyte Hepatocyte Hepatocyte	Cytomegaly Karyomegaly Syncytial Alteration	Minimal Minimal Focal, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83203

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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Mild
* Liver		Angiectasis	Moderate
	Hepatocyte	Cytomegaly	Moderate
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
	[Angiectasis TGLS = 2-5]		
	[Hepatocellular Carcinoma TGLS = 2-5]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 5-21]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Skin	Subcut Tiss	Edema	Mild
	[Edema TGLS = 4-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83203

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Moderate

[Hematopoietic Cell Proliferation TGLS = 6-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 181

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83204

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-22]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-23]			
* Kidney	Renal Tubule	Cyst	Mild
	Glomerulus	Dilatation	Mild
		Glomerulosclerosis	Mild
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Moderate
		Hemorrhage	Focal, Mild
		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Focal, Moderate
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 181

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83204

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 1-21]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Glomerulus	Glomerulosclerosis Nephropathy	Moderate Moderate
* Liver	Hepatocyte Hepatocyte Hepatocyte	Cytomegaly Karyomegaly Syncytial Alteration	Minimal Minimal Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 183

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-21]			
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-22]			
* Lung		Hemorrhage	Mild
[Hemorrhage TGLS = 3-2]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 5-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82730

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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Metaplasia Nephropathy	Mild Minimal Osseous, Focal, Minimal
* Liver	Hepatocyte Hepatocyte	Angiectasis Cytomegaly Hemangiosarcoma Hepatocellular Carcinoma Infiltration Cellular Karyomegaly	Mild Mild Mild Mixed Cell, Mild Mild
	[Angiectasis TGLS = 3-6] [Hemangiosarcoma TGLS = 3-6] [Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Hemangiosarcoma Hepatocellular Carcinoma	Metastatic (Liver) Metastatic (Liver)
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 2-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82730

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 185

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 1-21]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Minimal Mild Mild
* Liver	Hepatocyte Hepatocyte, Midzonal	Syncytial Alteration Vacuolization Cytoplasmic	Focal, Minimal Moderate
* Lung		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186

TRT#: 5

SEX: Male

DAY ON TEST: 720

DOSE: 1.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Nose	Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Skin
Spinal Cord	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 9-23]			
* Bone Marrow		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
Harderian Gland		Adenoma	
[Adenoma TGLS = 11-25]			
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Lymphoma Malignant	
		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Mild
[Lymphoma Malignant TGLS = 4-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
		Eosinophilic Focus	
	Hepatocyte	Karyomegaly	Mild
		Lymphoma Malignant	
[Eosinophilic Focus TGLS = 10-24]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 720
DOSE: 1.0 MG/KG/DY **DISP:** Moribund Sacrifice **HISTO:** 98-83208

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Hemorrhage	Mild
	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
[Hemorrhage TGLS = 12-2-1, 14-2-1]			
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-22]			
[Lymphoma Malignant TGLS = 3-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
Mesentery		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 5-7]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-2]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tissue NOS	Abdominal	Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Thymus	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187	TRT#: 5	SEX: Male	DAY ON TEST: 531
	DOSE: 1.0 MG/KG/DY	DISP: Natural Death	HISTO: 97-80234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Congestion	Focal, Moderate
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Congestion TGLS = 1-6]			
* Lung		Congestion	Moderate
[Congestion TGLS = 2-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188

TRT#: 5

SEX: Male

DAY ON TEST: 689

DOSE: 1.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83209

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 9-24]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 12-25]			
* Kidney	Glomerulus	Congestion	Mild
		Glomerulosclerosis	Mild
		Nephropathy	Moderate
[Congestion TGLS = 6-5]			
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 7-22, 8-23]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 10-2-1, 11-2-1]			
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188	TRT#: 5	SEX: Male	DAY ON TEST: 689
	DOSE: 1.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83209

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Carcinoma TGLS = 4-21]			
* Preputial Gland		Degeneration Inflammation	Cystic, Moderate Chronic, Moderate
[Inflammation TGLS = 1-8]			
* Skin	Subcut Tiss	Edema	Mild
[Edema TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-22]	Vertebra	Hyperostosis	Focal, Mild
* Intestine Small, Duodenum [Polyp Adenomatous TGLS = 2-21]		Polyp Adenomatous	
* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Mild Minimal Mild
* Liver	Hepatocyte Hepatocyte	Cytomegaly Karyomegaly	Mild Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Moderate
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Minimal Minimal Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 191	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 1.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82731

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	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Hepatocellular Carcinoma	Multiple
		Syncytial Alteration	Focal, Minimal
		Thrombosis	Moderate
	[Hepatocellular Carcinoma TGLS = 1-21, 2-22]		
* Parathyroid Gland		Angiectasis	Mild
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 3-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 192

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83212

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 2-21]			
* Kidney	Renal Tubule	Dilatation	Minimal
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 193	TRT#: 5	SEX: Male	DAY ON TEST: 734
	DOSE: 1.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82759

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	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatocellular Carcinoma	
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Syncytial Alteration	Focal, Minimal
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Congestion	Marked
		Hepatocellular Carcinoma	Metastatic (Liver)
		Metaplasia	Osseous, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194

TRT#: 5

SEX: Male

DAY ON TEST: 661

DOSE: 1.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83213

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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 5-21]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Dilatation	Minimal
	Glomerulus	Glomerulosclerosis	Minimal
		Histiocytic Sarcoma	
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
	Hepatocyte	Karyomegaly	Moderate
[Histiocytic Sarcoma TGLS = 4-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Hyperplasia	Histiocytic, Minimal
		Pigmentation	Focal, Minimal
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
* Skin	Subcut Tiss	Edema	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194	TRT#: 5	SEX: Male	DAY ON TEST: 661
	DOSE: 1.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83213

ORGAN AND ACCOUNTABLE SITE STATUS

[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation Histiocytic Sarcoma	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate
PRIMARY CAUSE OF DEATH	- Liver	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83214

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Cytoplasmic Alteration	Moderate
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 4-22.1]			
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			
Mesentery	Artery	Inflammation	Chronic, Focal, Minimal
* Parathyroid Gland		Cyst	Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule	Dilatation Metaplasia Nephropathy	Minimal Osseous, Focal, Minimal Mild
* Liver [Hepatocellular Adenoma TGLS = 1-21]	Hepatocyte Hepatocyte	Hepatocellular Adenoma Infiltration Cellular Syncytial Alteration Vacuolization Cytoplasmic	Mixed Cell, Minimal Focal, Minimal Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197

TRT#: 5

SEX: Male

DAY ON TEST: 552

DOSE: 1.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-80473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Marked
		Hepatoblastoma	Metastatic (Liver)
* Heart		Hepatoblastoma	Metastatic (Liver)
* Intestine Large, Cecum	Serosa	Hepatoblastoma	Metastatic (Liver)
[Hepatoblastoma TGLS = 7-24]			
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Hepatoblastoma	Metastatic (Liver)
	Renal Tubule	Necrosis	Focal, Mild
		Nephropathy	Moderate
[Hepatoblastoma TGLS = 1-5]			
[Nephropathy TGLS = 1-5]			
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hepatoblastoma	
	Hepatocyte	Karyomegaly	Minimal
	Hepatocyte	Necrosis	Focal, Moderate
[Hepatoblastoma TGLS = 2-21]			
* Lung		Hemorrhage	Mild
		Hepatoblastoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197	TRT#: 5	SEX: Male	DAY ON TEST: 552
	DOSE: 1.0 MG/KG/DY	DISP: Natural Death	HISTO: 97-80473

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatoblastoma TGLS = 3-2-1, 8-2-2, 9-2-3]			
Lymph Node	Bronchial	Hepatoblastoma	Metastatic (Liver)
[Hepatoblastoma TGLS = 4-25]			
* Lymph Node, Mesenteric		Hepatoblastoma	Metastatic (Liver)
Mesentery		Hepatoblastoma	Metastatic (Liver)
[Hepatoblastoma TGLS = 6-23]			
* Pancreas		Hepatoblastoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 198

TRT#: 5
DOSE: 1.0 MG/KG/DY

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 98-83215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* 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

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 2-22]			
* Kidney	Glomerulus	Cyst	Mild
		Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver		Hemorrhage	Focal, Mild
		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte	Syncytial Alteration	Focal, Minimal
[Hemorrhage TGLS = 3-23]			
[Hepatocellular Carcinoma TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 1.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-82733

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	* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
	Glomerulus	Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Minimal
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-22]			
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney	Glomerulus	Glomerulosclerosis	Minimal
		Lymphoma Malignant	
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
		Lymphoma Malignant	
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83216

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Preputial Gland		Degeneration	Cystic, Moderate
		Lymphoma Malignant	
[Degeneration TGLS = 1-8]			
* Prostate		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 201

TRT#: 6

SEX: Male

DAY ON TEST: 587

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81042

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	* Islets, Pancreatic	* Lymph Node, Mesenteric	* 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, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-21]			
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Minimal
	Hepatocyte	Karyomegaly	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2, 2-2, 3-2, 4-2]			

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 202

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
		Fibrosis	Focal, Moderate
		Hemangiosarcoma	
		Hemorrhage	Focal, Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
		Thrombosis	Moderate
	[Hemangiosarcoma TGLS = 5-6, 6-21, 7-22]		
* Lung		Infiltration Cellular	Mixed Cell, Mild
		Thrombosis	Moderate
	Note: Lung thrombosis consists of widespread microthrombi in blood vessels.		
* Skin	Subcut Tiss	Edema	Mild
	[Edema TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 202	TRT#: 6	SEX: Male	DAY ON TEST: 727
	DOSE: 3.0 MG/KG/DY	DISP: Natural Death	HISTO: 98-83064

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 3-6]	Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH	- Liver Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203

TRT#: 6

SEX: Male

DAY ON TEST: 639

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-81902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Mild Mild Moderate
[Nephropathy TGLS = 4-5]			
* Liver	Hepatocyte Hepatocyte Centrilobular, Hepatocyte	Cytomegaly Hemangiosarcoma Hemorrhage Infiltration Cellular Karyomegaly Necrosis Thrombosis	Mild Multiple Focal, Moderate Mixed Cell, Mild Mild Moderate Moderate
[Hemangiosarcoma TGLS = 5-6, 6-21]			
[Thrombosis TGLS = 6-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-2-1]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203

TRT#: 6

SEX: Male

DAY ON TEST: 639

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-81902

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Moderate

[Hematopoietic Cell Proliferation TGLS = 3-6]

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Centrilobular Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204

TRT#: 6

SEX: Male

DAY ON TEST: 664

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83065

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-22]			
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver	Hepatocyte	Angiectasis	Mild
		Cytomegaly	Moderate
		Fibrosis	Focal, Mild
		Hemangiosarcoma	
		Hemorrhage	Focal, Moderate
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
[Angiectasis TGLS = 3-6, 4-21]			
[Hemangiosarcoma TGLS = 3-6, 4-21]			
[Hemorrhage TGLS = 4-21]			
* Lung		Infiltration Cellular	Mixed Cell, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204

TRT#: 6

SEX: Male

DAY ON TEST: 664

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83065

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 205

TRT#: 6

SEX: Male

DAY ON TEST: 734

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Epididymis
* Esophagus	Eye	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing; neither adrenal medulla is present.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-23]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-22]			
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
		Nephropathy	Marked
* Liver	Hepatocyte	Cytomegaly	Moderate
	Hepatocyte	Karyomegaly	Moderate
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
		Hemorrhage	Mild
[Hemorrhage TGLS = 4-5]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 205	TRT#: 6	SEX: Male	DAY ON TEST: 734
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83066

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 8-7]			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 206

TRT#: 6

SEX: Male

DAY ON TEST: 356

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-78923

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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet Nephropathy	Marked Moderate
* Liver	Hepatocyte	Cytomegaly Infiltration Cellular	Moderate Mixed Cell, Minimal
* Lung	Hepatocyte	Karyomegaly Sarcoma	Moderate Metastatic (Skeletal Muscle)
Mesentery		Fibrosarcoma Sarcoma	Metastatic (Uncertain Primary Site) Metastatic (Skeletal Muscle)
[Sarcoma TGLS = 3-23]		Sarcoma	Metastatic (Skeletal Muscle)
Skeletal Muscle		Sarcoma	Multiple
[Sarcoma TGLS = 1-21, 2-22, 5-25]			
* Skin	Subcut Tiss	Sarcoma	Metastatic (Skeletal Muscle)
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 207

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-22]			
* Kidney	Glomerulus	Carcinoma	Multiple, Mild
		Cyst	Moderate
		Glomerulosclerosis	Osseous, Focal, Minimal
		Metaplasia	Moderate
		Nephropathy	
[Carcinoma TGLS = 3-21]			
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	
		Hemorrhage	Focal, Moderate
	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 207

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83067

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma Hemangiosarcoma Hemorrhage	Metastatic (Liver) Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 9-2-1]			
[Hemorrhage TGLS = 8-2-1]			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 6-5]			
* Skin	Subcut Tiss	Edema	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 208

TRT#: 6

SEX: Male

DAY ON TEST: 550

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-80513

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
	[Cytomegaly TGLS = 3-6]		
	[Hemangiosarcoma TGLS = 3-6, 4-6, 5-6, 8-6]		
* Lung		Hemangiosarcoma	Metastatic (Liver)
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Skin	Subcut Tiss	Edema	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 209

TRT#: 6

SEX: Male

DAY ON TEST: 705

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 6-23]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Glomerulus Renal Tubule	Glomerulosclerosis Karyomegaly Nephropathy	Mild Mild Mild
* Liver [Hemangiosarcoma TGLS = 3-6, 4-21, 5-22] [Hemorrhage TGLS = 3-6, 5-22] [Thrombosis TGLS = 4-21]	Hepatocyte Hepatocyte Hepatocyte	Cytomegaly Hemangiosarcoma Hemorrhage Infiltration Cellular Karyomegaly Necrosis Thrombosis	Moderate Focal, Moderate Mixed Cell, Moderate Moderate Focal, Moderate Moderate
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 209

TRT#: 6

SEX: Male

DAY ON TEST: 705

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83068

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 210

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83069

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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney	Renal Tubule	Karyomegaly	Minimal
		Lymphoma Malignant	
		Nephropathy	Mild
[Nephropathy TGLS = 2-5]			
* Liver	Hepatocyte	Cytomegaly	Minimal
	Hepatocyte	Karyomegaly	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 3-8]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 211 **TRT#:** 6 **SEX:** Male **DAY ON TEST:** 568
DOSE: 3.0 MG/KG/DY **DISP:** Natural Death **HISTO:** 97-80786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Moderate
	[Nephropathy TGLS = 3-5]		
* Liver	Hepatocyte	Cytomegaly	Minimal
		Hemangiosarcoma	
	Hepatocyte	Karyomegaly	Minimal
	Centrilobular, Hepatocyte	Necrosis	Marked
	[Hemangiosarcoma TGLS = 2-6]		
	[Necrosis TGLS = 2-6]		
Mesentery		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 4-4, 5-21]		
* Skin	Subcut Tiss	Edema	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Mesentery Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hemangiosarcoma; Liver Centrilobular Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212

TRT#: 6

SEX: Male

DAY ON TEST: 633

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-81903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Gallbladder
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
Note: Bone marrow hyperplasia is granulocytic type.			
* Epididymis		Lymphoma Malignant	
* Esophagus		Lymphoma Malignant	
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-3]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Dilatation	Minimal
	Glomerulus	Glomerulosclerosis	Mild
		Lymphoma Malignant	
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
		Lymphoma Malignant	
Note: Liver lymphoma involvement is mild, characterized by diffuse infiltration of sinusoids by lymphoma cells.			
* Lung	Mediastinum	Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212	TRT#: 6	SEX: Male	DAY ON TEST: 633
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-81903

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 6-22]		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Nose		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Edema	Moderate
	Subcut Tiss	Lymphoma Malignant	
[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-2]			
Tissue NOS	Abdominal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-23]			

PRIMARY CAUSE OF DEATH	- Tissue NOS Abdominal	Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum	Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 213

TRT#: 6
DOSE: 3.0 MG/KG/DY

SEX: Male
DISP: Natural Death

DAY ON TEST: 681
HISTO: 98-83070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Epididymis	* Esophagus
* Heart	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Adrenal Cortex		Fibrosis	Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-22]			
* Bone Marrow		Hemangiosarcoma	
* Kidney	Renal Tubule	Karyomegaly	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Cytomegaly	Mild
		Hemangiosarcoma	Multiple
	Hepatocyte	Infiltration Cellular	Mixed Cell, Moderate
[Hemangiosarcoma TGLS = 4-6]		Karyomegaly	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-5]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Skin	Subcut Tiss	Edema	Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 213

TRT#: 6

SEX: Male

DAY ON TEST: 681

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83070

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214

TRT#: 6

SEX: Male

DAY ON TEST: 660

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83071

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone	Vertebra	Hyperostosis	Focal, Mild
	Note: Vertebral section is marginal as to extent of sample, but is sufficient for accurate diagnosis.		
	[Hyperostosis TGLS = 7-23]		
* Kidney	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Moderate
	[Nephropathy TGLS = 3-5]		
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	
		Hemorrhage	Focal, Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
	Centrilobular, Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hemangiosarcoma TGLS = 4-6, 6-22]		
* Skin	Subcut Tiss	Edema	Moderate
	[Edema TGLS = 2-8]		

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214

TRT#: 6

SEX: Male

DAY ON TEST: 660

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83071

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-22]			
* Kidney	Glomerulus	Cyst	Mild
		Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 3-21]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate
		Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 216	TRT#: 6	SEX: Male	DAY ON TEST: 731
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 217

TRT#: 6

SEX: Male

DAY ON TEST: 734

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83074

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Inflammation	Chronic, Focal, Mild
Note: Focal inflammation of adrenal cortex affects an artery.			
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 5-21]			
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Moderate
[Nephropathy TGLS = 3-5]			
* Liver		Fibrosis	Focal, Mild
	Endothel Cell	Hyperplasia	Mild
[Hyperplasia TGLS = 4-6]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-21]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-22]			
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 1-5]			
* Liver		Hemorrhage	Focal, Mild
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Minimal
[Hemorrhage TGLS = 2-6]			
* Skin	Subcut Tiss	Edema	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83075

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83076

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Mild
	[Hyperostosis TGLS = 7-24]		
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Moderate
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
		Hemangiosarcoma	Multiple
		Hemorrhage	Focal, Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Mild
	[Hemangiosarcoma TGLS = 2-21, 3-22, 4-23, 9-6]		
	[Hemorrhage TGLS = 2-21]		
	[Necrosis TGLS = 2-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-2-1, 6-2-1, 8-2-1]		
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219

TRT#: 6
DOSE: 3.0 MG/KG/DY

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 98-83076

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
Tooth

Degeneration
Malformation

Cystic, Focal, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220

TRT#: 6

SEX: Male

DAY ON TEST: 734

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83077

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	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-21]			
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Marked
		Hemangiosarcoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Marked
	Hepatocyte	Necrosis	Focal, Mild
[Cytomegaly TGLS = 7-6]			
[Hemangiosarcoma TGLS = 7-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]			
[Hyperplasia TGLS = 6-2-1]			
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 8-2-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220	TRT#: 6	SEX: Male	DAY ON TEST: 734
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83077

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
Tooth	Peridont Tiss	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221

TRT#: 6

SEX: Male

DAY ON TEST: 647

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-81904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
	Glomerulus	Glomerulosclerosis	Moderate
	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	
		Hemorrhage	Focal, Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
	Centrilobular, Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hemangiosarcoma TGLS = 3-6]		
	[Hemorrhage TGLS = 3-6]		
* Lung		Congestion	Mild
		Infiltration Cellular	Mixed Cell, Mild
	[Congestion TGLS = 4-2]		
* Skin	Subcut Tiss	Edema	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221

TRT#: 6

SEX: Male

DAY ON TEST: 647

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-81904

ORGAN AND ACCOUNTABLE SITE STATUS

[Edema TGLS = 1-8]

* Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-22]	Vertebra	Hyperostosis	Focal, Mild
* Kidney	Glomerulus Renal Tubule	Glomerulosclerosis Karyomegaly Nephropathy	Mild Minimal Mild
* Liver	Hepatocyte Hepatocyte Hepatocyte	Cytomegaly Infiltration Cellular Karyomegaly Necrosis	Mild Mixed Cell, Mild Mild Focal, Mild
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]		Alveolar/Bronchiolar Adenoma	
Mesentery [Necrosis TGLS = 2-21]	Fat	Necrosis	Mild
* Preputial Gland [Degeneration TGLS = 5-8]		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 223

TRT#: 6

SEX: Male

DAY ON TEST: 734

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83079

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	* 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

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 1-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
		Hemangiosarcoma	
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Centrilobular, Hepatocyte	Necrosis	Mild
[Hemangiosarcoma TGLS = 2-6]			
[Necrosis TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 7-24]	Vertebra	Hyperostosis	Focal, Moderate
* Heart		Mineralization	Focal, Minimal
* Kidney	Renal Tubule	Cyst	Mild
	Glomerulus	Dilatation	Mild
		Glomerulosclerosis	Moderate
* Liver	Hepatocyte	Nephropathy	Marked
		Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
		Thrombosis	Moderate
			[Hemangiosarcoma TGLS = 1-6, 1-21, 2-22]
			[Necrosis TGLS = 3-23, 8-25]
* Lung [Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1, 5-2, 6-2]		Alveolar/Bronchiolar Carcinoma	Multiple
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83080

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225

TRT#: 6

SEX: Male

DAY ON TEST: 614

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-81769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Skin
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

OBSERVATIONS

* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Renal Tubule	Karyomegaly	Mild
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
		Hemorrhage	Focal, Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
	[Hemangiosarcoma TGLS = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 226

TRT#: 6

SEX: Male

DAY ON TEST: 572

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-80787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
	Renal Tubule	Karyomegaly	Mild
		Nephropathy	Moderate
	[Nephropathy TGLS = 4-5]		
* Liver	Hepatocyte	Cytomegaly	Mild
		Hemangiosarcoma	
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Mild
	Centrilobular, Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hemangiosarcoma TGLS = 5-6, 6-21, 9-22]		
* Lung		Infiltration Cellular	Mixed Cell, Mild
	[Infiltration Cellular TGLS = 2-2]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 7-8]		
* Skin	Subcut Tiss	Edema	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 226

TRT#: 6

SEX: Male

DAY ON TEST: 572

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-80787

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Moderate

[Hematopoietic Cell Proliferation TGLS = 3-6]

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227

TRT#: 6

SEX: Male

DAY ON TEST: 675

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 9-22]			
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
[Hemangiosarcoma TGLS = 6-6, 7-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemangiosarcoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 8-2]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227

TRT#: 6

SEX: Male

DAY ON TEST: 675

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83081

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7]

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-21]			
* Kidney	Glomerulus	Cyst	Mild
	Renal Tubule	Glomerulosclerosis	Moderate
		Karyomegaly	Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	
		Hemorrhage	Focal, Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Mild
[Hemangiosarcoma TGLS = 2-6]			
[Hemorrhage TGLS = 2-6]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Skin	Subcut Tiss	Edema	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83082

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 229

TRT#: 6

SEX: Male

DAY ON TEST: 598

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81358

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	* Nose	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney	Glomerulus	Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 2-6, 3-21 not evident on slide 6]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 230

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83083

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* 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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 1-21]			
* Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 231

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83084

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-22]			
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Hemorrhage	Mild
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Skin	Subcut Tiss	Edema	Minimal
* Spleen		Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232

TRT#: 6

SEX: Male

DAY ON TEST: 705

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Stomach, Forestomach	* Stomach, Glandular	

OBSERVATIONS

* Kidney		Congestion	Mild
	Glomerulus	Glomerulosclerosis	Moderate
	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Moderate
[Congestion TGLS = 3-5]			
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
[Hemangiosarcoma TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 6-22]			
* Parathyroid GI			
Note: Parathyroid gland is on slide 2, adjacent to thymus.			
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232	TRT#: 6	SEX: Male	DAY ON TEST: 705
	DOSE: 3.0 MG/KG/DY	DISP: Natural Death	HISTO: 98-83085

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 1-8]

* Skin	Subcut Tiss	Edema	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233

TRT#: 6

SEX: Male

DAY ON TEST: 603

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-81359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Adren Medulla			
Note: Medulla of one adrenal gland is missing.			
* Heart		Mineralization	Focal, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
		Hemorrhage	Focal, Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
	[Hemangiosarcoma TGLS = 3-6, 4-6]		
	[Necrosis TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2]		
* Parathyroid Gland		Cyst	Moderate
* Skin	Subcut Tiss	Edema	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233

TRT#: 6

SEX: Male

DAY ON TEST: 603

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-81359

ORGAN AND ACCOUNTABLE SITE STATUS

[Edema TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 234

TRT#: 6

SEX: Male

DAY ON TEST: 603

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-81360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Heart		Mineralization	Focal, Minimal
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
		Hemorrhage	Focal, Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
	[Hemangiosarcoma TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-2]		
* Skin	Subcut Tiss	Edema	Moderate
	[Edema TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 234

TRT#: 6

SEX: Male

DAY ON TEST: 603

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-81360

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 235

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83086

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Capsule	Adenoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 2-21]		
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236

TRT#: 6

SEX: Male

DAY ON TEST: 577

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
* Spleen			

OBSERVATIONS

* Brain [Atrophy TGLS = 3-1]		Atrophy	Focal, Moderate
* Kidney [Dilatation TGLS = 1-21]	Pelvis	Dilatation Nephropathy	Mild Minimal
* Liver * Pituitary Gland [Adenoma TGLS = 2-1]	Hepatocyte, Periportal Pars Distalis	Vacuolization Cytoplasmic Adenoma	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237 **TRT#:** 6 **SEX:** Male **DAY ON TEST:** 566
DOSE: 3.0 MG/KG/DY **DISP:** Moribund Sacrifice **HISTO:** 97-80788

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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Mild Mild Moderate
* Liver	Hepatocyte	Cytomegaly Hemangiosarcoma Hemorrhage	Moderate Focal, Mild
	Hepatocyte Centrilobular, Hepatocyte	Karyomegaly Necrosis	Moderate Moderate
	[Cytomegaly TGLS = 3-21] [Hemangiosarcoma TGLS = 3-21]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Skin	Subcut Tiss	Edema	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238 **TRT#:** 6 **SEX:** Male **DAY ON TEST:** 652
DOSE: 3.0 MG/KG/DY **DISP:** Moribund Sacrifice **HISTO:** 98-83087

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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Epididymis		Inflammation	Chronic, Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Intestine Large, Cecum		Edema	Moderate
		Hemorrhage	Focal, Mild
[Edema TGLS = 5-4]			
[Hemorrhage TGLS = 5-4]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Moderate
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Parathyroid Gland		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238

TRT#: 6

SEX: Male

DAY ON TEST: 652

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83087

ORGAN AND ACCOUNTABLE SITE STATUS

Necrosis

Focal, Moderate

[Hematopoietic Cell Proliferation TGLS = 3-6]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 6

SEX: Male

DAY ON TEST: 605

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Heart		Mineralization	Focal, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
		Hemorrhage	Focal, Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
[Hemangiosarcoma TGLS = 3-6]			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 5-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 240

TRT#: 6

SEX: Male

DAY ON TEST: 644

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-81905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex Note: One adrenal gland is missing.		Cytoplasmic Alteration	Focal, Minimal
* Kidney	Glomerulus Renal Tubule	Glomerulosclerosis Karyomegaly Nephropathy	Moderate Mild Moderate
* Liver	Hepatocyte	Cytomegaly Hemangiosarcoma Hemorrhage Infiltration Cellular	Mild Multiple Focal, Moderate Mixed Cell, Moderate
	Hepatocyte Centrilobular, Hepatocyte	Karyomegaly Necrosis	Mild Moderate
[Hemangiosarcoma TGLS = 2-6, 4-21]			
* Lung		Hemangiosarcoma	Metastatic (Liver)
[Hemangiosarcoma TGLS = 5-2-1]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Skin	Subcut Tiss	Edema	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 240

TRT#: 6
DOSE: 3.0 MG/KG/DY

SEX: Male
DISP: Natural Death

DAY ON TEST: 644
HISTO: 98-81905

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 241 **TRT#:** 6 **SEX:** Male **DAY ON TEST:** 559
DOSE: 3.0 MG/KG/DY **DISP:** Natural Death **HISTO:** 97-80514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Stomach, Glandular		

OBSERVATIONS

Ear		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 10-25]			
* Kidney	Renal Tubule	Dilatation	Mild
	Capsule	Fibrosis	Moderate
		Nephropathy	Mild
[Fibrosis TGLS = 3-21]			
* Liver	Hepatocyte	Cytomegaly	Moderate
	Serosa	Fibrosis	Moderate
		Hemorrhage	Focal, Mild
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
Note: There are fibrous adhesions between the kidney and liver (TGL 3-21) and between lobes of the liver (TGL 4-22).			
[Cytomegaly TGLS = 5-22]			
[Fibrosis TGLS = 4-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 8-24]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 241	TRT#: 6	SEX: Male	DAY ON TEST: 559
	DOSE: 3.0 MG/KG/DY	DISP: Natural Death	HISTO: 97-80514

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node [Hemorrhage TGLS = 9-23]	Iliac	Hemorrhage	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Marked
* Skin	Subcut Tiss	Edema	Minimal
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH	- Liver Hepatocyte Necrosis
CONTRIBUTORY CAUSE OF DEATH	- Liver Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 242

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-22]	Vertebra	Hyperostosis	Focal, Moderate
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Marked
* Liver	Renal Tubule	Pigmentation	Moderate
	Hepatocyte	Cytomegaly	Moderate
		Fibrosis	Focal, Mild
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Karyomegaly	Moderate
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung [Congestion TGLS = 2-2]		Congestion	Moderate
* Lymph Node, Mesenteric		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243

TRT#: 6

SEX: Male

DAY ON TEST: 685

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83089

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Heart		Infiltration Cellular	Mixed Cell, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Marked
* Liver	Hepatocyte	Cytomegaly	Moderate
		Fibrosis	Focal, Mild
		Hemangiosarcoma	Multiple
		Hemorrhage	Focal, Moderate
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
	[Hemangiosarcoma TGLS = 3-21]		
	[Hemorrhage TGLS = 3-21]		
* Skin	Subcut Tiss	Edema	Moderate
	[Edema TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244

TRT#: 6

SEX: Male

DAY ON TEST: 716

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 9-23]			
* Kidney	Renal Tubule	Dilatation	Minimal
	Glomerulus	Glomerulosclerosis	Moderate
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
		Hemorrhage	Focal, Moderate
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Karyomegaly	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
[Hemangiosarcoma TGLS = 5-22, 6-6]			
Lymph Node			
Note: Mediastinal lymph node (TGL 8) is missing.			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Note: Mesenteric lymph node is on slide 6			
[Hyperplasia TGLS = 7-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244	TRT#: 6	SEX: Male	DAY ON TEST: 716
	DOSE: 3.0 MG/KG/DY	DISP: Natural Death	HISTO: 98-83090

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Necrosis TGLS = 2-21]	Fat	Necrosis	Moderate
* Skin	Subcut Tiss	Edema	Minimal
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-6]		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 245

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* 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

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 5-21]			
* Kidney	Glomerulus	Glomerulosclerosis	Mild
	Capsule	Hemangiosarcoma	
		Nephropathy	Moderate
Note: Kidney hemangiosarcoma (TGL 2-5) is in capsular fatty tissue at hilus-not in cortex. Tumor appears as 2 structures, but likely is 2 sections of single tumor.			
[Hemangiosarcoma TGLS = 2-5]			
[Nephropathy TGLS = 1-5]			
* Liver		Angiectasis	Mild
		Infiltration Cellular	Mixed Cell, Minimal
[Angiectasis TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 246

TRT#: 6

SEX: Male

DAY ON TEST: 734

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83092

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 5-21]		
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
		Hemangiosarcoma	
		Hemorrhage	Focal, Moderate
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Moderate
	[Hemangiosarcoma TGLS = 3-6]		
	[Hemorrhage TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-2]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 246

TRT#: 6

SEX: Male

DAY ON TEST: 734

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83092

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 7-25]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Mild Mild Moderate
* Liver [Hemangiosarcoma TGLS = 3-23, 4-24]	Hepatocyte Hepatocyte Hepatocyte	Cytomegaly Hemangiosarcoma Infiltration Cellular Karyomegaly Necrosis	Mild Multiple Mixed Cell, Minimal Mild Focal, Mild
* Lung [Hyperplasia TGLS = 6-2-1]	Alveolar Epith	Hemangiosarcoma Hyperplasia	Metastatic (Liver) Mild
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin	Subcut Tiss	Edema	Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-6]		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82726

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 6

SEX: Male

DAY ON TEST: 720

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83093

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-21]			
* Kidney	Renal Tubule	Cyst	Mild
	Glomerulus	Dilatation	Moderate
		Glomerulosclerosis	Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 4-5]			
* Liver	Hepatocyte	Angiectasis	Mild
		Cytomegaly	Mild
		Hemangiosarcoma	
		Hemorrhage	Focal, Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Moderate
[Angiectasis TGLS = 3-6]			
[Hemangiosarcoma TGLS = 3-6]			
[Hemorrhage TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248	TRT#: 6	SEX: Male	DAY ON TEST: 720
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83093

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 2-6]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
* Skin	Subcut Tiss	Edema	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
PRIMARY CAUSE OF DEATH	- Liver	Hemangiosarcoma	
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hemorrhage	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 249

TRT#: 6

SEX: Male

DAY ON TEST: 590

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81135

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	* 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

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule Glomerulus	Dilatation Glomerulosclerosis Nephropathy	Mild Minimal Moderate
[Nephropathy TGLS = 1-5]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250

TRT#: 6

SEX: Male

DAY ON TEST: 661

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83094

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 8-24]		
* Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Moderate
		Thrombosis	Mild
	[Hemangiosarcoma TGLS = 3-25, 4-21, 5-22]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]		
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 7-23]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250	TRT#: 6	SEX: Male	DAY ON TEST: 661
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83094

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Edema	Mild
PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Liver Hemangiosarcoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 251

TRT#: 2

SEX: Female

DAY ON TEST: 524

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-80235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Liver	* 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

* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Moderate
* Lung [Hyperplasia TGLS = 1-22]	Alveolar Epith	Hemorrhage Hyperplasia	Mild Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation Ulcer	Moderate Focal, Moderate Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 252	TRT#: 2	SEX: Female	DAY ON TEST: 475
	DOSE: 0 MG/KG/DY	DISP: Natural Death	HISTO: 97-79635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Lung	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* 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, Mesenteric	* Ovary
* Pancreas	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Uterus			

OBSERVATIONS

Mesentery [Necrosis TGLS = 2-22]	Fat	Necrosis	Mild
* Skin [Sarcoma TGLS = 1-21]	Subcut Tiss	Sarcoma	
Tooth	Peridont Tiss	Inflammation	Chronic, Minimal
* Urinary Bladder		Edema	Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-23]			
Harderian Gland		Carcinoma	
Note: Harderian gland tumor is mostly adenomatous tissue within which is a small, distinctly carcinomatous area.			
[Carcinoma TGLS = 3-22]			
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Angiectasis	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83039

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Cyst	Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-21]			
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hydrometra	Moderate
[Hydrometra TGLS = 2-7]		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 255

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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

* Bone [Hyperostosis TGLS = 5-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 1-21]		Hepatocellular Adenoma Infiltration Cellular	Multiple Mixed Cell, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Moderate
* Uterus [Hydrometra TGLS = 2-7] [Hyperplasia TGLS = 3-7]	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 256

TRT#: 2

SEX: Female

DAY ON TEST: 696

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-22]			
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
Tooth	Peridont Tiss	Inflammation	Chronic, Mild
* Uterus	Endometrium	Hydrometra	Moderate
[Hydrometra TGLS = 4-7]			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257

TRT#: 2

SEX: Female

DAY ON TEST: 657

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83040

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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Renal Tubule	Casts Protein	Mild
	Renal Tubule	Necrosis	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Moderate
	[Vacuolization Cytoplasmic TGLS = 3-6]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
	[Hydrometra TGLS = 1-7]		
	[Hyperplasia TGLS = 2-7]		
	[Inflammation TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

- Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 258 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 735
DOSE: 0 MG/KG/DY **DISP:** Terminal Sacrifice **HISTO:** 98-83041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-21]			
* Liver		Clear Cell Focus	
	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Focal, Minimal
[Clear Cell Focus TGLS = 5-22]			
* Lung		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 259

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Atypia Cellular	Mild
Note: A portion of adrenal medulla of one adrenal gland is displaced into the adrenal cortex.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-21]			
* Kidney		Atrophy	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
Mesentery	Fat	Necrosis	Minimal
* Ovary		Cyst	Moderate
Note: Ovarian cyst is filled with blood.			
[Cyst TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260	TRT#: 2	SEX: Female	DAY ON TEST: 419
	DOSE: 0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 97-79059

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	* Uterus	

OBSERVATIONS

* Liver		Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 2-22]			
* Lung		Alveolar/Bronchiolar Carcinoma Hyperplasia	Multiple Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
[Hyperplasia TGLS = 3-2, 4-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 261

TRT#: 2

SEX: Female

DAY ON TEST: 27

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 96-74636

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, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow			
Note: Bone marrow hyperplasia is the granulocytic type.			
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Moderate
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
		Hyperplasia	Lymphoid, Mild
Note: Mediastinal lymph node is on slide 2.			
Note: TGL 1 involves the axillary lymph node.			
[Hyperplasia TGLS = 3-2]			
[Hyperplasia TGLS = 1-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Skin	Subcut Tiss	Inflammation	Suppurative, Focal, Marked
[Inflammation TGLS = 4-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 262

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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

* Bone [Hyperostosis TGLS = 3-21]	Vertebra	Hyperostosis	Focal, Mild
* Kidney		Cyst	Mild
* Liver		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Infiltration Cellular	Mixed Cell, Mild
* Spleen		Hyperplasia	Focal, Mild
* Uterus		Hematopoietic Cell Proliferation	Mild
	Endometrium	Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-24]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21, 5-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Ovary			
Note: One ovary is on slide 7; the other ovary is on slide 8.1.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 264

TRT#: 2

SEX: Female

DAY ON TEST: 725

DOSE: 0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Lymphoma Malignant	
* Liver		Pigmentation	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Lymphoma Malignant	
		Vacuolization Cytoplasmic	Diffuse, Moderate
	[Hepatocellular Adenoma TGLS = 9-22]		
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 11-24]		
	[Lymphoma Malignant TGLS = 10-23]		
	[Lymphoma Malignant TGLS = 1-8]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-8]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-5]		
Mesentery		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-21]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 264	TRT#: 2	SEX: Female	DAY ON TEST: 725
	DOSE: 0 MG/KG/DY	DISP: Natural Death	HISTO: 98-83043

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Angiectasis	Moderate
		Lymphoma Malignant	
[Angiectasis TGLS = 5-7]			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 12-2]			
Tooth		Malformation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265	TRT#: 2	SEX: Female	DAY ON TEST: 566
	DOSE: 0 MG/KG/DY	DISP: Natural Death	HISTO: 97-80789

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, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum
---------------	--------------------------

OBSERVATIONS

* Bone [Hyperostosis TGLS = 8-23]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Moderate
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node [Lymphoma Malignant TGLS = 6-21]	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 5-5]		Lymphoma Malignant	
* Ovary [Cyst TGLS = 3-7]		Cyst	Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6] [Lymphoma Malignant TGLS = 4-6]		Hematopoietic Cell Proliferation Lymphoma Malignant	Marked
* Uterus	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265

TRT#: 2

SEX: Female

DAY ON TEST: 566

DOSE: 0 MG/KG/DY

DISP: Natural Death

HISTO: 97-80789

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Ovary Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 266

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-23]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
* Lung		Congestion	Mild
[Congestion TGLS = 5-2]			
* Parathyroid Gland			
Note: Parathyroid gland is embedded superficially in the thymus, on slide 2.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 267	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 6-22]	Vertebra	Hyperostosis	Focal, Moderate
* Liver	Hepatocyte	Hyperplasia Vacuolization Cytoplasmic	Lymphoid, Focal, Mild Focal, Minimal
* Lymph Node, Mandibular [Hyperplasia TGLS = 5-8]		Hyperplasia	Lymphoid, Moderate
Mesentery [Necrosis TGLS = 3-21]	Fat	Necrosis	Mild
* Ovary		Hemorrhage	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 268

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal gland is present.			
* Adren Medulla			
Note: No adrenal medullary tissue is present.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-24]			
* Kidney		Cyst	Mild
[Lymphoma Malignant TGLS = 8-5]			
* Liver	Hepatocyte	Lymphoma Malignant	Focal, Mild
Note: Liver lesion of cytoplasmic vacuolization, focal, is on slide 25.			
[Lymphoma Malignant TGLS = 1-21, 4-23, 7-25]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-7]			
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 268

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82762

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-6]

* Thyroid Gland

Degeneration

Cystic, Focal, Minimal

Tooth

Peridont Tiss

Inflammation

Chronic, Moderate

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 269

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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

* Bone [Hyperostosis TGLS = 3-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Minimal
* Liver [Eosinophilic Focus TGLS = 5-23]	Hepatocyte	Eosinophilic Focus Vacuolization Cytoplasmic	Diffuse, Moderate
* Lung [Congestion TGLS = 4-2]		Congestion Hyperplasia	Minimal Lymphoid, Mild
Mesentery [Necrosis TGLS = 1-21]	Fat	Necrosis	Moderate
* Ovary		Cyst	Minimal
* Parathyroid GI Note: Parathyroid gland is on slide 2, embedded in the thymus.			
* Pituitary Gland	Pars Distalis	Adenoma Angiectasis	Mild
* Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 270

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* 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

* Bone [Hyperostosis TGLS = 3-22]	Vertebra	Hyperostosis	Focal, Moderate
* Liver [Hepatocellular Carcinoma TGLS = 2-21]		Hepatocellular Carcinoma Infiltration Cellular	Mixed Cell, Minimal
* Ovary	Interstit Cell	Hyperplasia Mineralization Pigmentation Hematopoietic Cell Proliferation	Moderate Minimal Focal, Mild
* Spleen		Inflammation	Mild
* Thyroid Gland			Chronic, Focal, Minimal
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 271

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* 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

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-22]	Vertebra	Hyperostosis	Focal, Moderate
* Brain Note: Cerebellum is missing.			
* Liver Note: Large hepatocellular carcinoma is present on slide 21, but affected tissue was not reported as a lesion at necropsy.		Hepatocellular Carcinoma	
* Ovary [Cyst TGLS = 2-7]		Cyst	Moderate
* Parathyroid Gland Note: Parathyroid gland is on slide 2, embedded naturally in thymus, in superficial cortex of thymus.			
* Spleen [Hyperplasia TGLS = 3-6]		Hyperplasia	Lymphoid, Moderate
* Uterus [Hydrometra TGLS = 1-7]	Endometrium	Hydrometra Hyperplasia	Marked Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 675

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 13-27]			
* Bone Marrow		Hyperplasia	Marked
Note: Bone marrow hyperplasia is granulocytic type.			
* Gallbladder		Histiocytic Sarcoma	
* Intestine Large, Cecum		Histiocytic Sarcoma	
* Intestine Small, Jejunum		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hemorrhage	Mild
		Histiocytic Sarcoma	
		Mineralization	Focal, Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
[Hepatocellular Carcinoma TGLS = 8-22]			
[Histiocytic Sarcoma TGLS = 7-6, 7-22]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Iliac	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 272	TRT#: 2	SEX: Female	DAY ON TEST: 675
	DOSE: 0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83048

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 11-25]			
[Histiocytic Sarcoma TGLS = 12-26]			
[Histiocytic Sarcoma TGLS = 10-24]			
[Histiocytic Sarcoma TGLS = 6-21]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 9-23]			
Mesentery		Histiocytic Sarcoma	
* Pancreas		Amyloid Deposition	Moderate
		Atrophy	Focal, Moderate
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 10-24]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Histiocytic Sarcoma TGLS = 2-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7, 4-7]			
PRIMARY CAUSE OF DEATH	- Liver	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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

Blood Vessel Note: Aorta is on slide 5, with heart.			
* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Moderate
* Liver		Infiltration Cellular	Mixed Cell, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 274

TRT#: 2

SEX: Female

DAY ON TEST: 709

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83050

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Infiltration Cellular	Mixed Cell, Mild
	[Hepatocellular Carcinoma TGLS = 5-22]	Necrosis	Focal, Mild
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 4-21]		
* Ovary		Cyst	Moderate
* Skin		Inflammation	Chronic, Focal, Mild
	[Inflammation TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 275

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 5-23]			
* Brain			
Note: Sample of cerebellum is inadequate.			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Lymphoma Malignant	
		Mixed Cell Focus	Mild
[Lymphoma Malignant TGLS = 1-21, 2-6]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 276

TRT#: 2

SEX: Female

DAY ON TEST: 577

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* 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	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-24]			
* Gallbladder		Sarcoma	
* Heart		Infiltration Cellular	Mixed Cell, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte, Midzonal	Sarcoma	Multiple
		Vacuolization Cytoplasmic	Moderate
[Sarcoma TGLS = 3-6, 4-6]			
* Lung		Sarcoma	Metastatic (Uncertain Primary Site)
Note: Metastatic lesion of sarcoma in lung is minute but definite.			
Lymph Node	Pancreatic	Sarcoma	
[Sarcoma TGLS = 9-27]			
Mesentery		Sarcoma	Multiple
[Sarcoma TGLS = 2-22, 7-25]			
* Pancreas		Sarcoma	Multiple
[Sarcoma TGLS = 9-27]			
Skeletal Muscle		Sarcoma	Multiple
[Sarcoma TGLS = 1-21, 5-23, 7-25]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 276

TRT#: 2

SEX: Female

DAY ON TEST: 577

DOSE: 0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81044

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Sarcoma TGLS = 8-26]	Subcut Tiss	Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Urinary Bladder		Sarcoma	

PRIMARY CAUSE OF DEATH

- Mesentery Sarcoma

CONTRIBUTORY CAUSE OF DEATH

- Skeletal Muscle Sarcoma;Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 277

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82765

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, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-22.1]	Vertebra	Hyperostosis	Focal, Moderate
* Brain Note: Section of cerebellum is inadequate.			
* Liver	Hepatocyte	Inflammation Necrosis Congestion Hyperplasia Cyst Hematopoietic Cell Proliferation Hyperplasia	Suppurative, Focal, Mild Focal, Mild Minimal Plasma Cell, Marked Moderate Mild Plasma Cell, Moderate
* Lung			
* Lymph Node, Mesenteric			
* Ovary			
* Spleen [Hematopoietic Cell Proliferation TGLS = 1-6] [Hyperplasia TGLS = 1-6]			
* Stomach, Forestomach		Inflammation	Focal, Minimal
* Uterus	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* 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

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-23]	Vertebra	Hyperostosis	Focal, Moderate
* Liver [Hepatocellular Carcinoma TGLS = 1-21]	Hepatocyte	Hepatocellular Carcinoma Hyperplasia Infiltration Cellular Necrosis	Lymphoid, Focal, Mild Mixed Cell, Minimal Focal, Minimal
* Ovary [Cyst TGLS = 2-7]		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus [Hydrometra TGLS = 3-7]	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 279

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-24]			
* Liver	Hepatocyte	Eosinophilic Focus Hepatocellular Carcinoma Vacuolization Cytoplasmic	Diffuse, Moderate
[Hepatocellular Carcinoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-23]			
* Spleen		Hematopoietic Cell Proliferation Hyperplasia	Mild Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Uterus	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 280

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Metaplasia	Osseous, Focal, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 281	TRT#: 2	SEX: Female	DAY ON TEST: 482
	DOSE: 0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 97-79998

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, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
--------------------------	---------------------	----------

INSUFFICIENT TISSUE

* Thyroid Gland

OBSERVATIONS

* Clitoral Gland [Carcinoma TGLS = 1-21]	Duct	Carcinoma	
* Spleen		Pigmentation	Mild
* Uterus [Hydrometra TGLS = 2-7]		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH - Clitoral Gland Duct Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 545

DOSE: 0 MG/KG/DY

DISP: Accidentally Killed

HISTO: 97-80474

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	* Kidney	* 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	

MISSING

* Intestine Small, Jejunum

OBSERVATIONS

* Intestine Large, Cecum		Fibrosis	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Moderate
* Lung	Interstitialium	Edema	Moderate
		Foreign Body	Moderate

Note: Foreign matter is widespread in lungs, but usually not abundant in a given location therein. Accidental drowning is suspected.

[Edema TGLS = 2-2]

[Foreign Body TGLS = 2-2]

* Nose	Nasolacrim Dct	Inflammation	Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Lung Foreign Body

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 283

TRT#: 2

SEX: Female

DAY ON TEST: 545

DOSE: 0 MG/KG/DY

DISP: Accidentally Killed

HISTO: 97-80475

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	* 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		

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Moderate
* Lung		Foreign Body	Mild
Note: Foreign matter is widespread in lungs, but usually not abundant in a given location therein. Drowning accident is suspected.			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Moderate
Note: One ovary is missing.			
[Cyst TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Lung Foreign Body

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284

TRT#: 2

SEX: Female

DAY ON TEST: 545

DOSE: 0 MG/KG/DY

DISP: Accidentally Killed

HISTO: 97-80476

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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-22.1]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Moderate
* Lung Note: Foreign matter is widespread in lungs but usually not abundant in a given location therein. Drowning accident is suspected.		Foreign Body	Moderate
* Lymph Node, Mesenteric [Hyperplasia TGLS = 5-5]		Hyperplasia	Plasma Cell, Moderate
Mesentery [Necrosis TGLS = 2-21]	Fat	Necrosis	Minimal
* Ovary Note: One ovary is missing.			
* Parathyroid Gland Note: Parathyroid gland is on slide 2, located at surface of thymus.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Cyst	Minimal
* Uterus [Hydrometra TGLS = 1-7] [Hyperplasia TGLS = 1-7]	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284

TRT#: 2

SEX: Female

DAY ON TEST: 545

DOSE: 0 MG/KG/DY

DISP: Accidentally Killed

HISTO: 97-80476

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Foreign Body

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 285

TRT#: 2

SEX: Female

DAY ON TEST: 545

DOSE: 0 MG/KG/DY

DISP: Accidentally Killed

HISTO: 97-80477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* 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	

MISSING

* Clitoral Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Jejunum
---------------	-----------------------------	----------------------------

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-21]	Vertebra	Hyperostosis	Focal, Moderate
* Liver	Hepatocyte Hepatocyte	Vacuolization Cytoplasmic Vacuolization Cytoplasmic	Diffuse, Moderate Focal, Mild
* Lung Note: Foreign matter is widespread in lungs, but usually not abundant in a given location therein. Drowning accident is suspected.		Foreign Body	Mild
* Ovary [Cyst TGLS = 2-7]		Cyst	Moderate
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Lung Foreign Body

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 286

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* 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

* Intestine Small, Ileum

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-22]	Vertebra	Hyperostosis	Focal, Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Ovary [Cyst TGLS = 3-7]		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus [Hydrometra TGLS = 2-7]	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83052

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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is missing.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 9-26]			
* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
[Angiectasis TGLS = 12-27]		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-25]			
[Lymphoma Malignant TGLS = 7-24]			
[Lymphoma Malignant TGLS = 6-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83052

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Lymphoma Malignant	
* Pancreas			
Note: Pancreatic tissue is on slide 4.			
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Lymphoma Malignant	
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 288

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-23]			
* Bone Marrow		Hyperplasia	Moderate
Note: Bone marrow hyperplasia is granulocytic type.			
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Adenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Rathkes Cleft	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Uterus	Endometrium	Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 289

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* 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
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-22]	Vertebra	Hyperostosis	Focal, Moderate
* Heart		Infiltration Cellular	Mixed Cell, Mild
* Liver [Hepatocellular Adenoma TGLS = 3-21]		Hepatocellular Adenoma	
Mesentery [Necrosis TGLS = 5-23]	Fat	Necrosis	Moderate
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6] [Hyperplasia TGLS = 2-6]		Hematopoietic Cell Proliferation Hyperplasia	Mild Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83054

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
* Islets, Pancreatic	* Kidney	* 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			

MISSING

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex [Hypertrophy TGLS = 3-10]	Bilateral	Hypertrophy	Focal, Moderate
* Bone [Hyperostosis TGLS = 6-22]	Vertebra	Hyperostosis	Focal, Moderate
* Liver [Hepatocellular Adenoma TGLS = 4-21]	Hepatocyte	Angiectasis Hepatocellular Adenoma Infiltration Cellular Necrosis	Mild Mixed Cell, Mild Focal, Minimal
* Lung [Pigmentation TGLS = 5-2]		Hyperplasia Pigmentation	Histiocytic, Mild Focal, Mild
* Ovary [Angiectasis TGLS = 8-7]		Angiectasis	Moderate
* Thyroid Gland [Hyperplasia TGLS = 7-3]	Follicular Cel	Hyperplasia	Moderate
* Uterus [Adenoma TGLS = 2-7]	Endometrium Endometrium	Adenoma Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83054

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7, 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82770

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	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone [Hyperostosis TGLS = 7-25]	Vertebra	Hyperostosis	Focal, Moderate
* Clitoral Gland Harderian Gland [Adenoma TGLS = 8-26]		Inflammation Adenoma	Chronic, Mild
* Intestine Small, Ileum * Intestine Small, Jejunum [Lymphoma Malignant TGLS = 6-24]	Epithelium	Cyst Lymphoma Malignant	Mild
* Kidney	Artery	Inflammation Nephropathy Hepatocellular Adenoma Hepatocellular Carcinoma Infiltration Cellular Necrosis	Chronic, Marked Minimal Multiple Mixed Cell, Minimal Focal, Mild
* Liver [Hepatocellular Adenoma TGLS = 2-22,3-23,9-27,10-28] [Hepatocellular Carcinoma TGLS = 1-21]	Hepatocyte		
Lymph Node [Hemorrhage TGLS = 11-29]	Iliac	Hemorrhage	Moderate
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 5-5]		Lymphoma Malignant	
Mesentery	Artery	Inflammation Lymphoma Malignant	Chronic, Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine

CAS Number: 23246-96-0

Date Report Requested: 10/20/2014

Time Report Requested: 21:16:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 291

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-82770

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 5-5]

* Salivary Glands

Artery

Inflammation

Chronic, Moderate

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 4-6]

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 292

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone [Hyperostosis TGLS = 1-21]	Vertebra	Hyperostosis	Focal, Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Pituitary Gland [Adenoma TGLS = 2-1] [Angiectasis TGLS = 2-1]	Pars Distalis	Adenoma Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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

* Bone [Hyperostosis TGLS = 4-23]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver Mesentery [Necrosis TGLS = 1-21, 2-22]	Fat	Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Moderate
* Ovary	Bilateral	Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Uterus [Hyperplasia TGLS = 3-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-21]	Vertebra	Hyperostosis	Focal, Moderate
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Parathyroid Gland		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen [Hyperplasia TGLS = 1-6]		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus [Hydrometra TGLS = 2-7]	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 295	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: 0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* 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

* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Moderate
* Liver	Hepatocyte	Infiltration Cellular Necrosis Cyst	Mixed Cell, Minimal Focal, Minimal Minimal
* Ovary		Inflammation	Chronic, Minimal
Tooth	Peridont Tiss	Hyperplasia	Cystic, Moderate
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 3-22]			
* Liver	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Mild
* Uterus	Endometrium	Hydrometra	Marked
		Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 297

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83060

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 1-21]			
* Kidney	Renal Tubule	Casts Protein	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Necrosis	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Angiectasis	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83061

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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone	Cranium Vertebra	Carcinoma Hyperostosis	Metastatic (Harderian Gland) Focal, Moderate
[Hyperostosis TGLS = 9-23]			
Eye		Atrophy Inflammation	Marked Chronic, Marked
[Atrophy TGLS = 1-24]			
[Inflammation TGLS = 1-24]			
* Gallbladder		Cyst	Minimal
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 8-2]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 5-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Uterus	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83061

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 7-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 299

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-23]	Vertebra	Hyperostosis	Focal, Moderate
* Liver Mesentery [Necrosis TGLS = 1-21, 2-22]	Fat	Infiltration Cellular Necrosis	Mixed Cell, Minimal Marked
* Ovary		Cyst	Mild
* Pituitary Gland		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus [Hyperplasia TGLS = 3-7]	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 300

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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	

MISSING

* Intestine Small, Jejunum

OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-21]	Vertebra	Hyperostosis	Focal, Moderate
* Liver		Infiltration Cellular Mineralization	Mixed Cell, Minimal Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus [Hydrometra TGLS = 1-7]	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 301

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83096

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	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 7-24]		
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Lymphoma Malignant	
		Nephropathy	Moderate
	[Lymphoma Malignant TGLS = 5-5]		
* Liver	Hepatocyte	Cyst	Mild
	Bile Duct	Cytomegaly	Moderate
		Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
		Lymphoma Malignant	
	Hepatocyte	Necrosis	Focal, Mild
		Thrombosis	Mild
	[Cyst TGLS = 6-23]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6]	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 301	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83096

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-22]			
* Thyroid Gland		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302

TRT#: 7

SEX: Female

DAY ON TEST: 504

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-80071

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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Note: Bone marrow hyperplasia is granulocytic type.			
* Liver	Hepatocyte	Cytomegaly	Moderate
		Hemorrhage	Focal, Moderate
		Infarct	Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
[Hemorrhage TGLS = 5-24]			
[Infarct TGLS = 5-24]			
Lymph Node	Bronchial	Hyperplasia	Plasma Cell, Moderate
	Iliac	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Marked
[Hyperplasia TGLS = 2-22]			
[Hyperplasia TGLS = 3-23]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302	TRT#: 7	SEX: Female	DAY ON TEST: 504
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 97-80071

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus Tissue NOS [Inflammation TGLS = 1-21]	Abdominal	Cyst Inflammation	Mild Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	-
CONTRIBUTORY CAUSE OF DEATH	- Tissue NOS Abdominal Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 7-23]		
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Kidney	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]	Lymphoma Malignant	
Lymph Node	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Mild
	[Cyst TGLS = 5-7]		
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-6]	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-6]		
* Stomach, Glandular		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83183

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 675
DOSE: 3.0 MG/KG/DY **DISP:** Moribund Sacrifice **HISTO:** 98-83097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* 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
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-21]			
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Minimal
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Minimal
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
* Lung		Hyperplasia	Histiocytic, Mild
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
* Ovary		Cyst	Moderate
	Artery	Inflammation	Chronic, Mild
[Cyst TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304

TRT#: 7

SEX: Female

DAY ON TEST: 675

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83097

ORGAN AND ACCOUNTABLE SITE STATUS

Artery

Inflammation

Chronic, Focal, Minimal

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 305

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 11-24]			
* Intestine Large, Rectum		Inflammation	Chronic, Focal, Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-21]			
* Kidney	Glomerulus	Glomerulosclerosis	Mild
	Renal Tubule	Karyomegaly	Mild
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Artery	Inflammation	Chronic, Minimal
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Minimal
[Cytomegaly TGLS = 6-6]			
Lymph Node	Bronchial	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 305	TRT#: 7	SEX: Female	DAY ON TEST: 730
	DOSE: 3.0 MG/KG/DY	DISP: Natural Death	HISTO: 98-83184

ORGAN AND ACCOUNTABLE SITE STATUS

Iliac	Lymphoma Malignant	
Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-22]		
[Lymphoma Malignant TGLS = 10-23]		
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]		
* Mammary Gland	Ectasia	Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Inflammation	Chronic, Focal, Moderate
Artery		
[Hematopoietic Cell Proliferation TGLS = 4-6]		
* Uterus	Hydrometra	Moderate
	Inflammation	Chronic, Focal, Moderate
Artery		
[Hydrometra TGLS = 1-7]		

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 306

TRT#: 7

SEX: Female

DAY ON TEST: 669

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Gliosis	Minimal
		Hemorrhage	Focal, Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-1]			
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Moderate
	Hepatocyte	Karyomegaly	Moderate
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Moderate
[Lymphoma Malignant TGLS = 7-6]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-2]			
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 306

TRT#: 7

SEX: Female

DAY ON TEST: 669

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83098

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 9-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Minimal
[Necrosis TGLS = 4-21]			
* Ovary	Bilateral	Cyst	Mild
		Lymphoma Malignant	
[Cyst TGLS = 2-7, 3-7]			
* Pancreas		Lymphoma Malignant	
* Parathyroid G1			
Note: Parathyroid gland is on slide 3.			
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 307

TRT#: 7

SEX: Female

DAY ON TEST: 700

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Capsule	Fibrosis	Focal, Mild
	Capsule	Lymphoma Malignant	
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 5-21]		
* Clitoral Gland		Degeneration	Cystic, Mild
	[Degeneration TGLS = 2-8]		
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Marked
* Liver	Hepatocyte	Cytomegaly	Moderate
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
	Centrilobular, Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Hyperplasia	Histiocytic, Mild
Lymph Node	Inguinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-5]		
Mesentery		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 307	TRT#: 7	SEX: Female	DAY ON TEST: 700
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83099

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
	[Hemangiosarcoma TGLS = 3-6]		
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Liver Centrilobular Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 308 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 720
DOSE: 3.0 MG/KG/DY **DISP:** Moribund Sacrifice **HISTO:** 98-83100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Inflammation	Chronic, Focal, Mild
Note: Focal inflammation of adrenal cortex involves an artery.			
* Bone	Cranium	Fibrous Osteodystrophy	Mild
	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 6-21]		
* Clitoral Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Mild
* Kidney	Artery	Inflammation	Chronic, Moderate
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
* Lung	Artery, Mediastinum	Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hematopoietic Cell Proliferation	Moderate
	[Angiectasis TGLS = 5-5]		
	[Hematopoietic Cell Proliferation TGLS = 5-5]		
Mesentery	Artery	Inflammation	Chronic, Focal, Moderate
* Ovary	Bilateral	Cyst	Moderate
	Artery	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 308	TRT#: 7	SEX: Female	DAY ON TEST: 720
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83100

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-7, 4-7]		Thrombosis	Mild
* Parathyroid Gland			
Note: Parathyroid gland is on slide 2, with thymus.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Chronic, Focal, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 309

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83101

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-23]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney		Lymphoma Malignant	
* Liver	Hepatocyte	Nephropathy	Moderate
	Bile Duct	Cytomegaly	Moderate
		Hyperplasia	Minimal
	Hepatocyte	Infiltration Cellular	Mixed Cell, Mild
		Karyomegaly	Moderate
Lymph Node [Lymphoma Malignant TGLS = 3-22]	Renal	Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Skin [Sarcoma TGLS = 1-21]	Subcut Tiss	Sarcoma	
* Spleen [Lymphoma Malignant TGLS = 2-6]		Sarcoma	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Hyperplasia	Histiocytic, Moderate
* Uterus		Degeneration	Cystic, Focal, Moderate
Vagina [Sarcoma TGLS = 1-21]		Hydrometra	Mild
		Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 309

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83101

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 310

TRT#: 7

SEX: Female

DAY ON TEST: 716

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* 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

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 9-21]		
* Kidney	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
	[Nephropathy TGLS = 3-5, 4-5]		
* Liver		Angiectasis	Mild
	Hepatocyte	Cytomegaly	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Karyomegaly	Minimal
		Pigmentation	Focal, Mild
	Centrilobular, Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Angiectasis TGLS = 5-6]		
	[Vacuolization Cytoplasmic TGLS = 6-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
		Hyperplasia	Histiocytic, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 7-2]		
	[Hemorrhage TGLS = 8-2]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 310

TRT#: 7
DOSE: 3.0 MG/KG/DY

SEX: Female
DISP: Natural Death

DAY ON TEST: 716
HISTO: 98-83102

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
	[Hydrometra TGLS = 1-7]		
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83103

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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Minimal
* Lung		Necrosis	Focal, Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
	[Hydrometra TGLS = 2-7]		
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 312

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone [Hyperostosis TGLS = 9-22]	Vertebra	Hyperostosis	Focal, Moderate
* Kidney [Nephropathy TGLS = 5-5]	Glomerulus Artery Renal Tubule	Glomerulosclerosis Inflammation Nephropathy Pigmentation	Moderate Chronic, Moderate Moderate Mild
* Liver [Congestion TGLS = 7-6] [Cytomegaly TGLS = 6-6] [Hemorrhage TGLS = 7-6] [Necrosis TGLS = 6-6]	Hepatocyte Hepatocyte Hepatocyte	Congestion Cytomegaly Hemorrhage Infiltration Cellular Karyomegaly Necrosis	Focal, Mild Moderate Focal, Mild Mixed Cell, Mild Moderate Focal, Mild
* Lung		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 312	TRT#: 7	SEX: Female	DAY ON TEST: 729
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83104

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 8-5]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Ovary		Cyst	Mild
[Cyst TGLS = 3-7]			
* Parathyroid Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Hyperplasia TGLS = 4-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313

TRT#: 7

SEX: Female

DAY ON TEST: 709

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Bone	Vertebra	Hyperostosis	Focal, Moderate
	[Hyperostosis TGLS = 8-24]		
* Bone Marrow		Hyperplasia	Moderate
	Note: Bone marrow hyperplasia is granulocytic type.		
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Dilatation	Minimal
	Glomerulus	Glomerulosclerosis	Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-2-1]		
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 7-23]		
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Skin	Subcut Tiss	Sarcoma	Multiple
	[Sarcoma TGLS = 1-21, 2-22]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313	TRT#: 7	SEX: Female	DAY ON TEST: 709
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83105

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland		Degeneration	Cystic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83106

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, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-22]			
* Kidney	Artery	Inflammation	Chronic, Mild
		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Mild
[Metaplasia TGLS = 4-21]			
* Liver	Hepatocyte	Cholangioma	Mild
		Cytomegaly	Mixed Cell, Minimal
	Hepatocyte	Infiltration Cellular	Mild
		Karyomegaly	
[Cytomegaly TGLS = 1-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary	Artery	Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Diffuse, Marked
[Atrophy TGLS = 7-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314	TRT#: 7	SEX: Female	DAY ON TEST: 729
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83106

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 315

TRT#: 7

SEX: Female

DAY ON TEST: 696

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83107

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, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Inflammation	Chronic, Focal, Moderate
Note: Focal inflammation of adrenal cortex affects arteries.			
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Mild
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Renal Tubule	Nephropathy	Marked
		Pigmentation	Moderate
	[Nephropathy TGLS = 3-5, 4-5]		
* Liver	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 5-5]		
Mesentery	Artery	Inflammation	Chronic, Focal, Moderate
* Ovary	Artery	Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Chronic, Focal, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 692
DOSE: 3.0 MG/KG/DY **DISP:** Moribund Sacrifice **HISTO:** 98-83108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* 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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 3-21]			
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Mild
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Minimal
	Centrilobular, Hepatocyte	Vacuolization Cytoplasmic	Mild
Mesentery	Artery	Inflammation	Chronic, Focal, Moderate
* Ovary	Artery	Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Chronic, Focal, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317

TRT#: 7

SEX: Female

DAY ON TEST: 618

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-81770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* 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

MISSING

* Gallbladder

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Moderate
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-21]			
* Heart		Mineralization	Focal, Moderate
Note: Mineralization of heart involves myocardium; also involves larger veins and arteries of heart.			
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Mineralization	Minimal
		Mineralization	Focal, Moderate
Note: Mineralization of kidney, focally distributed, involves renal tubules, arteries, and glomeruli.		Nephropathy	Marked
[Nephropathy TGLS = 1-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
* Ovary	Artery	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317

TRT#: 7

SEX: Female

DAY ON TEST: 618

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-81770

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

Artery

Inflammation

Chronic, Focal, Moderate

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318

TRT#: 7

SEX: Female

DAY ON TEST: 709

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	Vagina		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Marked
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-21]			
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Mild
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Marked
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 8-5]			
* Liver	Hepatocyte	Cytomegaly	Moderate
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-2]		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
[Hematopoietic Cell Proliferation TGLS = 3-5]			
[Hemorrhage TGLS = 3-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318	TRT#: 7	SEX: Female	DAY ON TEST: 709
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83109

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Artery	Inflammation	Chronic, Focal, Mild
* Ovary	Artery	Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Moderate
[Hyperplasia TGLS = 5-7]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319

TRT#: 7

SEX: Female

DAY ON TEST: 722

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* 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
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-22]			
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Minimal
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Minimal
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Marked
		Osteosarcoma	
	Renal Tubule	Pigmentation	Moderate
Note: Tumor (TGL 2-5) in both kidneys is characteristic of osteosarcoma-not an available TDMS term for kidney. Lesions likely began as osseous metaplasia.			
[Osteosarcoma TGLS = 2-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Minimal
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
	Fat	Necrosis	Minimal
[Necrosis TGLS = 1-21]			
* Ovary	Artery	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319	TRT#: 7	SEX: Female	DAY ON TEST: 722
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83110

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Uterus	Endometrium Artery	Hyperplasia Inflammation	Cystic, Moderate Chronic, Focal, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 7

SEX: Female

DAY ON TEST: 656

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-22]			
* Bone Marrow		Hyperplasia	Moderate
Note: Bone marrow hyperplasia is granulocytic type.			
* Heart		Mineralization	Focal, Mild
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Minimal
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Minimal
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Renal Tubule	Nephropathy	Marked
		Pigmentation	Mild
[Nephropathy TGLS = 2-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
* Lung	Hepatocyte	Karyomegaly	Mild
		Congestion	Moderate
[Congestion TGLS = 5-2]			
Lymph Node	Renal	Hemorrhage	Marked
[Hemorrhage TGLS = 3-21]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Mammary Gland		Adenoma	
Mesentery		Hemangioma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320	TRT#: 7	SEX: Female	DAY ON TEST: 656
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83111

ORGAN AND ACCOUNTABLE SITE STATUS

	Artery	Inflammation	Chronic, Focal, Moderate
		Inflammation	Chronic, Moderate
* Ovary	Artery	Inflammation	Chronic, Mild
Note: One ovary is missing.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Uterus	Artery	Inflammation	Chronic, Focal, Mild
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-21]			
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 5-5]			
* Liver	Hepatocyte	Cytomegaly	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Mild
* Lung	Hepatocyte	Karyomegaly	Minimal
	Alveolar Epith	Hyperplasia	Mild
* Ovary		Hemorrhage	Moderate
	Artery	Inflammation	Chronic, Moderate
[Hemorrhage TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
		Leiomyosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83112

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 3-7]

[Hyperplasia TGLS = 2-7]

[Leiomyosarcoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322

TRT#: 7

SEX: Female

DAY ON TEST: 660

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83113

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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Heart		Mineralization	Focal, Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 4-5, 5-5, 6-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-5]			
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
* Ovary	Artery	Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Chronic, Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322

TRT#: 7

SEX: Female

DAY ON TEST: 660

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83113

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 2-7]

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323

TRT#: 7

SEX: Female

DAY ON TEST: 696

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83114

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	* 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

* Adrenal Cortex		Inflammation	Chronic, Focal, Mild
Note: Focal inflammation of adrenal cortex affects arteries.			
* Intestine Large, Cecum	Epithelium	Erosion	Focal, Mild
	Artery	Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 3-4]		Inflammation	Chronic, Focal, Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Glomerulus	Glomerulosclerosis	Moderate
		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Marked
* Liver	Renal Tubule	Pigmentation	Moderate
	Hepatocyte	Cytomegaly	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
* Ovary	Artery	Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Atrophy	Moderate
[Atrophy TGLS = 4-2]			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323	TRT#: 7	SEX: Female	DAY ON TEST: 696
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83114

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Chronic, Focal, Mild
	[Hydrometra TGLS = 6-7]		
	[Hyperplasia TGLS = 5-7]		

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 7

SEX: Female

DAY ON TEST: 596

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Carcinoma	Metastatic (Kidney)
* Gallbladder	Epithelium	Cytoplasmic Alteration	Moderate
Note: Gallbladder cytoplasmic alteration consists of hyaline, brightly eosinophilic matter in cytoplasm of epithelial cells.			
* Intestine Large, Cecum		Histiocytic Sarcoma	
* Intestine Large, Colon	Epithelium	Hyperplasia	Focal, Mild
* Kidney	Pelvis	Dilatation	Moderate
		Histiocytic Sarcoma	
* Liver	Hepatocyte	Nephropathy	Mild
		Cytomegaly	Moderate
		Histiocytic Sarcoma	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Karyomegaly	Moderate
* Lung	Mediastinum	Carcinoma	Metastatic (Kidney)
Lymph Node	Renal	Angiectasis	Marked
	Renal	Hemorrhage	Marked
[Angiectasis TGLS = 4-22-1]			
[Hemorrhage TGLS = 4-22-1]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 3-5]			
Mesentery		Carcinoma	Metastatic (Kidney)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 7

SEX: Female

DAY ON TEST: 596

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81130

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 2-21]

* Ovary

Note: One ovary is missing; other ovary is in block 8.

* Pancreas

Histiocytic Sarcoma

[Histiocytic Sarcoma TGLS = 2-21]

* Spleen

Plasma Cell Tumor Malignant

Ureter

Carcinoma

Metastatic (Kidney)

Note: Ureter is on slide 22.

* Uterus

Hydrometra

Moderate

Endometrium

Hyperplasia

Cystic, Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration Inflammation	Focal, Mild Chronic, Focal, Mild
Note: Inflammation of adrenal cortex affects arteries.			
* Adrenal Medulla		Hyperplasia	Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 8-21]			
* Heart		Inflammation	Chronic, Focal, Mild
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Mild
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
	Renal Tubule	Nephropathy Pigmentation	Moderate Mild
[Nephropathy TGLS = 3-5]			
* Liver	Hepatocyte	Cytomegaly Infiltration Cellular	Moderate Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 9-2]			
Mesentery	Artery	Inflammation	Chronic, Focal, Moderate
* Ovary		Cyst	Moderate
	Artery	Inflammation	Chronic, Moderate
[Cyst TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83115

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLS = 7-1]	Pars Distalis	Adenoma	
* Skin	Artery, Subcut Tiss	Inflammation	Chronic, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 1-6]		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Moderate
* Urinary Bladder	Artery	Inflammation	Chronic, Moderate
* Uterus [Hydrometra TGLS = 5-7] [Hyperplasia TGLS = 6-7]	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 326

TRT#: 7

SEX: Female

DAY ON TEST: 532

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-80236

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Atrophy	Focal, Marked
[Atrophy TGLS = 1-1]			
* Kidney		Cyst	Minimal
	Glomerulus	Glomerulosclerosis	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
* Pituitary Gland		Adenoma	
[Adenoma TGLS = 2-1]			
* Thyroid Gland	Follicular Cel	Cytoplasmic Alteration	Diffuse, Moderate
Note: Cytoplasmic alteration of thyroid gland epithelium consists of cells being cuboidal; not squamous as is usual. Most of colloid in follicles is depleted.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

CONTRIBUTORY CAUSE OF DEATH

- Brain Atrophy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* 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

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-21]			
* Gallbladder		Cyst	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
Note: Both Congo red and crystal violet special staining procedures applied to the kidney gave a negative test for presence of amyloid in the glomeruli or elsewhere.			
Note: Control amyloid-positive tissue stained along with kidney tissue of mouse # 327 was human kidney tissue previously shown to be positive for glomerular amyloid.			
[Nephropathy TGLS = 4-5, 5-5]			
* Liver	Hepatocyte	Cytomegaly	Moderate
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
* Ovary		Cyst	Multiple, Moderate
	Artery	Inflammation	Chronic, Moderate
Note: Ovarian cysts are hemorrhagic.			
[Cyst TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327	TRT#: 7	SEX: Female	DAY ON TEST: 730
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83116

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Chronic, Focal, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 328

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone [Hyperostosis TGLS = 10-24]	Vertebra	Hyperostosis	Focal, Moderate
* Brain Harderian Gland [Adenoma TGLS = 1-21]		Hemorrhage Adenoma	Focal, Mild
* Intestine Large, Cecum [Edema TGLS = 15-4] [Hemorrhage TGLS = 15-4]	Epithelium Artery	Edema Erosion Hemorrhage Inflammation	Moderate Focal, Mild Focal, Moderate Chronic, Focal, Mild
* Kidney Note: Both Congo red and crystal violet special staining procedures applied to kidney tissue gave a negative test for the presence of amyloid in glomeruli. [Nephropathy TGLS = 5-5]	Renal Tubule Glomerulus Artery Renal Tubule	Accumulation, Hyaline Droplet Carcinoma Glomerulosclerosis Inflammation Metaplasia Nephropathy Pigmentation	Moderate Metastatic (Mammary Gland) Moderate Chronic, Mild Osseous, Focal, Mild Marked Moderate
* Liver	Hepatocyte	Angiectasis Cytomegaly	Mild Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 328 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 729
DOSE: 3.0 MG/KG/DY **DISP:** Terminal Sacrifice **HISTO:** 98-83117

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Bile Duct Hepatocyte	Hyperplasia Infiltration Cellular Karyomegaly Alveolar/Bronchiolar Carcinoma Hemorrhage Hyperplasia	Mild Mixed Cell, Mild Mild Moderate Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 12-2] [Hemorrhage TGLS = 11-2, 13-2] [Hyperplasia TGLS = 13-2]			
* Mammary Gland		Carcinoma Ectasia	Moderate
[Carcinoma TGLS = 3-22] [Ectasia TGLS = 2-8]			
Mesentery		Fibrosis Hemorrhage	Focal, Moderate Moderate
Note: Adhesion (TGL 8) of mesentery consisted mainly of blood and fibrous tissue. [Fibrosis TGLS = 8-23] [Hemorrhage TGLS = 8-23]			
* Ovary	Artery	Cyst Inflammation	Moderate Chronic, Moderate
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis Pars Distalis	Cytoplasmic Alteration Hemorrhage	Focal, Mild Focal, Mild
[Hemorrhage TGLS = 14-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium Artery	Hyperplasia Inflammation	Cystic, Moderate Chronic, Focal, Moderate
[Hyperplasia TGLS = 9-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 329

TRT#: 7

SEX: Female

DAY ON TEST: 591

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-81131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Islets, Pancreatic	* 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
* Uterus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Kidney	Glomerulus	Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Marked
	[Necrosis TGLS = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 720
DOSE: 3.0 MG/KG/DY **DISP:** Moribund Sacrifice **HISTO:** 98-83118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-21]			
* Brain		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 3-1]			
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-5]	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Minimal
* Lymph Node, Mesenteric	Artery	Inflammation	Chronic, Mild
Mesentery	Artery	Inflammation	Chronic, Focal, Moderate
* Ovary		Angiectasis	Moderate
	Artery	Inflammation	Chronic, Moderate
* Pancreas	Artery	Inflammation	Chronic, Minimal
Spinal Cord		Hemorrhage	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330

TRT#: 7

SEX: Female

DAY ON TEST: 720

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83118

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Artery	Inflammation	Chronic, Focal, Mild
* Uterus		Degeneration	Cystic, Focal, Minimal
	Artery	Hemangioma	
[Hemangioma TGLS = 1-7]		Inflammation	Chronic, Focal, Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 331

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-21]	Vertebra	Hyperostosis	Focal, Mild
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet Cyst	Moderate Mild
	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
	Renal Tubule	Nephropathy	Marked
* Liver	Hepatocyte	Pigmentation	Moderate
	Hepatocyte	Cytomegaly	Moderate
	Hepatocyte	Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Minimal
* Ovary	Artery	Inflammation	Chronic, Moderate
* Pancreas	Artery	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]		Hematopoietic Cell Proliferation	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	Artery	Inflammation	Chronic, Focal, Moderate
			[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone [Hyperostosis TGLS = 7-21]	Vertebra	Hyperostosis	Focal, Moderate
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Mild
* Intestine Small, Duodenum	Artery	Inflammation	Chronic, Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
	Renal Tubule	Nephropathy	Marked
		Pigmentation	Moderate
			[Nephropathy TGLS = 4-5]
			[Pigmentation TGLS = 4-5]
* Liver	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 6-2-1]		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Mild
	Interstitial Cell	Hyperplasia	Moderate
	Artery	Inflammation	Chronic, Mild
			[Hyperplasia TGLS = 2-7]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83120

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas

Note: Pancreas shows interstitial edema, TGL 3-7. "Edema" is not an available morphology for pancreas in TDMS for this study. Pancreas is normal otherwise.

* Spleen

Hematopoietic Cell Proliferation

Moderate

* Thyroid Gland

Degeneration

Cystic, Focal, Minimal

* Uterus

Hydrometra

Moderate

Artery

Inflammation

Chronic, Focal, Moderate

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333

TRT#: 7

SEX: Female

DAY ON TEST: 489

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 97-79999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

INSUFFICIENT TISSUE

* Clitoral Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
Note: Bone marrow hyperplasia is granulocytic type.			
* Heart	Epicardium	Infiltration Cellular	Mixed Cell, Moderate
		Infiltration Cellular	Mixed Cell, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
		Necrosis	Focal, Mild
	[Cytomegaly TGLS = 5-6]		
	[Necrosis TGLS = 5-6]		
* Lung		Infiltration Cellular	Mixed Cell, Mild
	Mediastinum	Inflammation	Suppurative, Marked
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Renal	Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333	TRT#: 7	SEX: Female	DAY ON TEST: 489
	DOSE: 3.0 MG/KG/DY	DISP: Natural Death	HISTO: 97-79999

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 7-2]		
[Inflammation TGLS = 8-21]		
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 6-5]		
Mesentery	Inflammation	Suppurative, Marked
* Ovary	Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-7]		
Pleura	Inflammation	Suppurative, Marked
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]		

PRIMARY CAUSE OF DEATH	- Ovary Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Lung Mediastinum Inflammation; Mesentery Inflammation; Pleura Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Clitoral Gland	* Esophagus
* Gallbladder	* 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	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
[Cytoplasmic Alteration TGLS = 4-10]			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 7-21]			
* Brain		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 9-1]			
Eye		Atrophy	Moderate
[Atrophy TGLS = 1-23]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 8-22]			
* Heart		Infiltration Cellular	Mixed Cell, Mild
* Intestine Large, Cecum		Edema	Moderate
	Epithelium	Erosion	Focal, Minimal
	Artery	Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 10-4]		Inflammation	Chronic, Focal, Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83121

ORGAN AND ACCOUNTABLE SITE STATUS

	Bile Duct	Hyperplasia Infiltration Cellular	Minimal Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Minimal
* Lymph Node, Mandibular [Hyperplasia TGLS = 6-8]		Hyperplasia	Plasma Cell, Moderate
Mesentery	Artery	Inflammation	Chronic, Focal, Moderate
* Ovary	Artery	Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Artery	Inflammation	Chronic, Focal, Minimal
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 5-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 335

TRT#: 7

SEX: Female

DAY ON TEST: 637

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-81906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Cytoplasmic Alteration	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
Note: Bone marrow hyperplasia is granulocytic type.			
* Brain	Meninges	Lymphoma Malignant	
		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
		Inflammation	Chronic, Mild
		Nephropathy	Moderate
	[Nephropathy TGLS = 4-5]		
* Liver	Hepatocyte	Cytomegaly	Moderate
		Fibrosis	Focal, Mild
	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Karyomegaly	Moderate
		Lymphoma Malignant	
	Hepatocyte	Necrosis	Focal, Mild
	[Cytomegaly TGLS = 5-6]		
	[Fibrosis TGLS = 5-6]		
* Lung		Hemorrhage	Mild
	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 335 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 637
DOSE: 3.0 MG/KG/DY **DISP:** Moribund Sacrifice **HISTO:** 98-81906

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 7-2] [Lymphoma Malignant TGLS = 7-2] Lymph Node * Lymph Node, Mandibular	Mediastinal	Lymphoma Malignant Fibrosis Lymphoma Malignant	Marked
[Fibrosis TGLS = 1-8] [Lymphoma Malignant TGLS = 1-8] * Lymph Node, Mesenteric		Fibrosis Lymphoma Malignant	Marked
[Fibrosis TGLS = 3-5] [Lymphoma Malignant TGLS = 3-5] Mesentery		Fibrosis Inflammation Lymphoma Malignant	Focal, Moderate Suppurative, Chronic, Focal, Mild
* Nose * Pancreas	Artery	Lymphoma Malignant Fibrosis Inflammation Lymphoma Malignant	Focal, Moderate Chronic, Mild
* Spleen	Artery	Fibrosis Hematopoietic Cell Proliferation Inflammation Lymphoma Malignant	Focal, Mild Marked Chronic, Focal, Mild
[Hematopoietic Cell Proliferation TGLS = 2-6] * Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 336

TRT#: 7

SEX: Female

DAY ON TEST: 709

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* 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	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone [Hyperostosis TGLS = 7-21]	Vertebra	Hyperostosis	Focal, Moderate
* Gallbladder		Cyst	Minimal
* Heart		Infiltration Cellular	Mixed Cell, Mild
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
		Nephropathy	Marked
* Liver	Renal Tubule	Pigmentation	Moderate
	Hepatocyte	Cytomegaly	Moderate
		Hemangiosarcoma	
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
[Hemangiosarcoma TGLS = 4-6]			
* Lung [Hyperplasia TGLS = 6-2-1]	Alveolar Epith	Hyperplasia	Mild
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
* Ovary	Artery	Inflammation	Chronic, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-6]		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 336	TRT#: 7	SEX: Female	DAY ON TEST: 709
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83122

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus [Atrophy TGLS = 2-2]		Atrophy	Mild
* Uterus [Angiectasis TGLS = 5-7] [Hyperplasia TGLS = 5-7]	Endometrium	Angiectasis Hyperplasia	Mild Cystic, Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337

TRT#: 7

SEX: Female

DAY ON TEST: 696

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone [Hyperostosis TGLS = 6-21]	Vertebra	Hyperostosis	Focal, Moderate
* Intestine Large, Cecum [Inflammation TGLS = 8-22]	Artery	Inflammation	Chronic, Focal, Mild
* Intestine Small, Duodenum [Hemorrhage TGLS = 7-4] [Inflammation TGLS = 7-4] [Necrosis TGLS = 7-4]	Artery	Hemorrhage Inflammation Necrosis	Focal, Moderate Chronic, Moderate Focal, Marked
* Kidney	Renal Tubule Glomerulus Artery	Accumulation, Hyaline Droplet Glomerulosclerosis Inflammation Nephropathy	Mild Moderate Chronic, Mild Marked
* Liver	Renal Tubule Hepatocyte Bile Duct	Pigmentation Cytomegaly Hyperplasia Infiltration Cellular	Moderate Minimal Mild Mixed Cell, Mild
* Lung Lymph Node	Hepatocyte Artery, Mediastinum	Karyomegaly Inflammation Hemorrhage Hyperplasia	Minimal Chronic, Mild Mild Histiocytic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337	TRT#: 7	SEX: Female	DAY ON TEST: 696
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83123

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Lymph node (TGL 9-23) site not specified at necropsy.

[Hemorrhage TGLS = 9-23]

[Hyperplasia TGLS = 9-23]

* Lymph Node, Mesenteric

Hemorrhage

Mild

Hyperplasia

Histiocytic, Moderate

[Hemorrhage TGLS = 3-5]

[Hyperplasia TGLS = 3-5]

* Ovary

Artery

Inflammation

Chronic, Moderate

* Spleen

Hematopoietic Cell Proliferation

Moderate

Artery

Inflammation

Chronic, Focal, Minimal

[Hematopoietic Cell Proliferation TGLS = 2-6]

* Thymus

Artery

Inflammation

Chronic, Minimal

* Uterus

Hydrometra

Moderate

Endometrium

Hyperplasia

Cystic, Moderate

Artery

Inflammation

Chronic, Focal, Moderate

[Hydrometra TGLS = 5-7]

[Hyperplasia TGLS = 4-7]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 338 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 530
DOSE: 3.0 MG/KG/DY **DISP:** Natural Death **HISTO:** 97-80237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Heart		Infiltration Cellular	Mixed Cell, Minimal
* Intestine Large, Cecum		Edema	Moderate
	Epithelium	Erosion	Focal, Moderate
	Artery	Hemorrhage	Focal, Mild
* Kidney	Renal Tubule	Inflammation	Chronic, Focal, Minimal
		Accumulation, Hyaline Droplet	Moderate
		Histiocytic Sarcoma	
* Liver	Hepatocyte	Nephropathy	Moderate
		Cytomegaly	Mild
	Hepatocyte	Histiocytic Sarcoma	
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Mild
[Histiocytic Sarcoma TGLS = 7-6]			
* Lung		Histiocytic Sarcoma	
		Hyperplasia	Histiocytic, Mild
		Infiltration Cellular	Mixed Cell, Moderate
[Histiocytic Sarcoma TGLS = 11-2]			
[Hyperplasia TGLS = 11-2]			
[Infiltration Cellular TGLS = 11-2]			
Lymph Node	Mediastinal	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 338	TRT#: 7	SEX: Female	DAY ON TEST: 530
	DOSE: 3.0 MG/KG/DY	DISP: Natural Death	HISTO: 97-80237

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-22, 13-24]			
* Ovary		Cyst	Mild
Skeletal Muscle		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 12-23]			
* Skin	Dermis	Edema	Focal, Moderate
	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-21]			
[Edema TGLS = 1-21, 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Histiocytic Sarcoma TGLS = 5-6]			
* Stomach, Glandular		Histiocytic Sarcoma	
* Thymus		Histiocytic Sarcoma	
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Angiectasis	Mild
		Histiocytic Sarcoma	
		Hydrometra	Mild
[Angiectasis TGLS = 9-7]			
[Histiocytic Sarcoma TGLS = 9-7]			
[Hydrometra TGLS = 8-7]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 339

TRT#: 7

SEX: Female

DAY ON TEST: 681

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83124

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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 1-21]			
* Kidney	Glomerulus	Glomerulosclerosis	Minimal
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Minimal
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]		Hyperplasia	Minimal
[Hyperplasia TGLS = 4-2]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Ovary		Granulosa Cell Tumor Benign	
Note: Ovarian tumor is cystic.			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-22, 5-22]			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 7

SEX: Female

DAY ON TEST: 696

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83125

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, 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

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 4-21]			
* Intestine Small, Duodenum	Artery	Hemorrhage	Focal, Mild
		Inflammation	Chronic, Moderate
		Necrosis	Focal, Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Artery	Inflammation	Chronic, Focal, Mild
* Ovary	Artery	Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 7

SEX: Female

DAY ON TEST: 696

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83125

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-6]

* Thyroid Gland

* Uterus

Degeneration

Cyst

Hydrometra

Hyperplasia

Inflammation

Cystic, Focal, Minimal

Moderate

Moderate

Cystic, Moderate

Chronic, Focal, Mild

Endometrium

Artery

[Cyst TGLS = 3-7]

[Hydrometra TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 341

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83126

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	* 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

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
* Lung		Necrosis	Focal, Minimal
* Ovary		Hyperplasia	Histiocytic, Minimal
* Spleen		Cyst	Moderate
		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Hyperplasia TGLS = 4-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 341

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83126

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 342

TRT#: 7

SEX: Female

DAY ON TEST: 709

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 6-21]			
* Intestine Large, Cecum	Epithelium	Edema	Moderate
	Artery	Erosion	Focal, Mild
		Hemorrhage	Focal, Mild
[Erosion TGLS = 4-4]		Inflammation	Chronic, Focal, Mild
[Hemorrhage TGLS = 4-4]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Glomerulus	Glomerulosclerosis	Marked
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 3-5]			
* Liver	Hepatocyte	Cytomegaly	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Moderate
	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte, Midzonal	Vacuolization Cytoplasmic	Mild
* Lung	Mediastinum	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 342	TRT#: 7	SEX: Female	DAY ON TEST: 709
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-83127

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Artery	Inflammation	Chronic, Focal, Mild
* Ovary		Cyst	Moderate
	Artery	Inflammation	Chronic, Mild
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Salivary Glands	Artery	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Chronic, Focal, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 343

TRT#: 7
DOSE: 3.0 MG/KG/DY

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 722
HISTO: 98-83128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration Inflammation Thrombosis	Focal, Mild Chronic, Focal, Moderate Moderate
Note: Focal inflammation of adrenal cortex affects an artery.			
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-21]			
* Intestine Large, Cecum	Epithelium	Edema Erosion Hemorrhage Inflammation	Moderate Focal, Minimal Focal, Mild Chronic, Focal, Mild
[Edema TGLS = 4-4]			
[Hemorrhage TGLS = 4-4]			
* Kidney	Renal Tubule Renal Tubule Glomerulus Artery	Accumulation, Hyaline Droplet Dilatation Glomerulosclerosis Inflammation Metaplasia Nephropathy Pigmentation	Moderate Minimal Moderate Chronic, Mild Osseous, Focal, Minimal Marked Moderate
* Liver	Renal Tubule Hepatocyte	Cytomegaly	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 343

TRT#: 7

SEX: Female

DAY ON TEST: 722

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-83128

ORGAN AND ACCOUNTABLE SITE STATUS

	Hepatocyte	Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
Mesentery	Artery	Necrosis	Focal, Minimal
* Ovary	Artery	Inflammation	Chronic, Focal, Mild
		Inflammation	Chronic, Moderate
		Luteoma	
[Luteoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Chronic, Focal, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344

TRT#: 7

SEX: Female

DAY ON TEST: 675

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Inflammation	Chronic, Focal, Minimal
Note: Focal inflammation of adrenal cortex affects an artery.			
* Heart		Mineralization	Focal, Mild
* Intestine Large, Cecum	Artery	Inflammation	Chronic, Focal, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Artery	Inflammation	Chronic, Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 3-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Mild
* Lung		Congestion	Moderate
[Congestion TGLS = 4-2]			
Mesentery	Artery	Inflammation	Chronic, Focal, Moderate
	Artery	Mineralization	Focal, Mild
* Ovary	Artery	Inflammation	Chronic, Moderate
* Pancreas		Necrosis	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344	TRT#: 7	SEX: Female	DAY ON TEST: 675
	DOSE: 3.0 MG/KG/DY	DISP: Natural Death	HISTO: 98-83129

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Artery	Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
	Artery	Inflammation	Chronic, Focal, Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 345

TRT#: 7

SEX: Female

DAY ON TEST: 734

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83130

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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-22]			
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
		Fibrosis	Focal, Mild
	Bile Duct	Hyperplasia	Moderate
	Endothel Cell	Hyperplasia	Focal, Moderate
	Hepatocyte	Karyomegaly	Mild
[Hyperplasia TGLS = 3-6, 4-21]			
* Lung		Hyperplasia	Mast Cell, Focal, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Mild
Note: Ovarian cyst is hemorrhagic.			
* Pituitary Gland		Angiectasis	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Moderate
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 345

TRT#: 7

SEX: Female

DAY ON TEST: 734

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83130

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 3.0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 98-83131

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	* 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

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 8-22]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Kidney	Glomerulus	Glomerulosclerosis	Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
[Cytomegaly TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Mild
		Hyperplasia	Histiocytic, Mild
[Hemorrhage TGLS = 7-2]			
* Ovary		Cyst	Multiple, Mild
Note: Ovarian cysts are hemorrhagic.			
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346	TRT#: 7	SEX: Female	DAY ON TEST: 729
	DOSE: 3.0 MG/KG/DY	DISP: Terminal Sacrifice	HISTO: 98-83131

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
	[Hydrometra TGLS = 5-7]		
	[Hyperplasia TGLS = 6-7]		
	[Polyp Stromal TGLS = 4-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 347

TRT#: 7

SEX: Female

DAY ON TEST: 713

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Heart		Inflammation	Chronic, Focal, Mild
* Kidney	Glomerulus	Glomerulosclerosis	Moderate
	Renal Tubule	Nephropathy	Marked
		Pigmentation	Moderate
[Pigmentation TGLS = 2-5]			
* Liver	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Karyomegaly	Mild
	Hepatocyte	Necrosis	Focal, Mild
* Lung		Hyperplasia	Histiocytic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hemorrhage	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 347

TRT#: 7

SEX: Female

DAY ON TEST: 713

DOSE: 3.0 MG/KG/DY

DISP: Natural Death

HISTO: 98-83132

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 4-7]

Artery

Inflammation

Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 348

TRT#: 7

SEX: Female

DAY ON TEST: 587

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-81077

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	* 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			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal
* Bone	Vertebra	Hyperostosis	Focal, Moderate
[Hyperostosis TGLS = 5-21]			
* Kidney		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Minimal
	Hepatocyte	Karyomegaly	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2, 2-2-1, 3-2, 3-2-1, 4-2, 4-2-1]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-3]			
Mesentery		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 349

TRT#: 7

SEX: Female

DAY ON TEST: 637

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 98-81907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Marked
[Angiectasis TGLS = 7-10]			
* Bone	Vertebra	Hyperostosis	Focal, Mild
[Hyperostosis TGLS = 11-23]			
* Bone Marrow		Hyperplasia	Moderate
Note: Bone marrow hyperplasia is granulocytic type.			
* Heart		Infiltration Cellular	Mixed Cell, Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Glomerulus	Glomerulosclerosis	Mild
		Nephropathy	Moderate
* Liver	Hepatocyte	Cytomegaly	Moderate
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Karyomegaly	Moderate
* Lung		Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 8-2-1, 9-2-2, 10-2-3]			
Lymph Node	Deep Cervical	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-21]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 349	TRT#: 7	SEX: Female	DAY ON TEST: 637
	DOSE: 3.0 MG/KG/DY	DISP: Moribund Sacrifice	HISTO: 98-81907

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Sarcoma TGLS = 2-22]	Subcut Tiss	Sarcoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-6]		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Cyst	Mild
* Uterus [Hyperplasia TGLS = 5-7]	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Riddelline
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 350

TRT#: 7

SEX: Female

DAY ON TEST: 434

DOSE: 3.0 MG/KG/DY

DISP: Moribund Sacrifice

HISTO: 97-79237

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
Skeletal Muscle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

Blood Vessel		Inflammation	Chronic, Moderate
Note: Blood vessels in proximity to spinal ganglia show chronic inflammation.			
* Brain	Artery, Meninges	Inflammation	Chronic, Moderate
* Liver	Hepatocyte	Cytomegaly	Minimal
		Infiltration Cellular	Mixed Cell, Mild
	Hepatocyte	Karyomegaly	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Artery	Inflammation	Chronic, Focal, Marked
* Ovary		Cyst	Marked
	Artery	Inflammation	Chronic, Mild
[Cyst TGLS = 2-7]			
Peripheral Nerve	Ganglion, Spinal	Inflammation	Chronic, Moderate
Spinal Cord	Meninges	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Artery	Inflammation	Chronic, Focal, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Blood Vessel Inflammation;Brain Artery Meninges Inflammation;Mesentery Artery Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05161-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Riddelliine
CAS Number: 23246-96-0

Date Report Requested: 10/20/2014
Time Report Requested: 21:16:41
First Dose M/F: NA / NA
Lab: SRI

**** END OF REPORT ****