

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:45
First Dose M/F: NA / NA
Lab: NA

C Number:	C56519
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

ANIMAL ID: 1_051	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney		Lymphocytic Inflammatory Infiltrate	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Lung		Lymphocytic Inflammatory Infiltrate	
Pancreas	Islets	Hyperplasia, Nos	
	Islets	Islet-Cell Adenoma	
Salivary gland		Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_052	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Epididymis		Granuloma, Spermatic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Pancreas	Islets	Hyperplasia, Nos	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_053	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Compression, Nos	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Nasal cavity		Hemorrhage	
Pituitary gland	Anterior Pituitary	Adenoma, Nos	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_054	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_055	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Eye	Nasolacrimal Duct	Lymphocytic Inflammatory Infiltrate	
Lung		Congestion, Nos	
		Lymphocytic Inflammatory Infiltrate	
Nasal cavity		Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_056	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Hemorrhage	
		Histiocytosis	
Pancreas	Islets	Hyperplasia, Nos	
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
Salivary gland		Mineralization	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urinary bladder		Calculus, Microscopic Examination	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_057	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hemangiosarcoma	
Salivary gland		Atrophy, Nos	
Thymus		Cyst, Embryonal Duct	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_058	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Eye	Nasolacrimal Duct	Lymphocytic Inflammatory Infiltrate	
Lung		Emphysema, Alveolar	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_059	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_060	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Harderian gland	Harderian Gland	Adenoma, Nos	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Hemorrhage	
		Hyperplasia, Alveolar Epithelium	
		Mineralization	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
		Inflammation, Chronic	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_061	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
Unspecified	Multiple Organs Nos	Hyperplasia, Alveolar Epithelium	
Urethra		Lymphocytic Inflammatory Infiltrate	
		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_062	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Accidentally Killed	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Epididymis		Inflammation, Chronic	
Eye	Nasolacrimal Duct	Lymphocytic Inflammatory Infiltrate	
Kidney		Lymphocytic Inflammatory Infiltrate	
Lung		Bronchopneumonia, Nos	
		Congestion, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_063	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
Lung		Hemorrhage	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
Nasal cavity		Hemorrhage	
Pancreas	Acinus	Atrophy, Nos	
Salivary gland		Atrophy, Nos	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_064	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Nasal cavity		Hemorrhage	
Peritoneum		Steatitis	
Preputial gland		Inflammation, Chronic	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_065	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Bronchopneumonia, Nos Histiocytosis Lymphocytic Inflammatory Infiltrate	
Thyroid		Cystic Follicles	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519

Test Type: Long-Term

Route: Gavage

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Mercaptobenzothiazole

CAS Number: 149-30-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:11:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Intestine Small	Mesentery Nos	Steatitis	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
		Sarcoma, Nos	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Thymus		Hyperplasia, Lymphoid	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urinary bladder		Calculus, Gross Observation Only	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_067	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Lymph node		Hyperplasia, Lymphoid	
Nasal cavity		Hemorrhage	
Stomach	Fundal Gland	Dilatation, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_068	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Brain		Mineralization	
Intestine Small	Mesentery Nos	Steatitis	
Kidney		Inflammation, Chronic	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
		Inflammation, Acute	
Lung		Alveolar/Bronchiolar Carcinoma	
		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
Pituitary gland	Anterior Pituitary	Cyst, Nos	
Spleen		Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_069	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Mineralization	
Kidney	Tubule	Dilatation, Nos	
		Lymphocytic Inflammatory Infiltrate	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Lymphocytic Inflammatory Infiltrate	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Pituitary gland	Anterior Pituitary	Cyst, Nos	
Salivary gland		Lymphocytic Inflammatory Infiltrate	
Spleen		Hyperplasia, Lymphoid	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_070	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
	Cortex Nos	Hypertrophy, Focal	
Bone	Tarsal Joint	Ankylosis	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Sarcoma, Nos	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Hyperplasia, Alveolar Epithelium	
Lymph node	Mesenteric Lymph Node	Lymphoma, Mixed-Malignant Type	
Pancreas	Islets	Hyperplasia, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_071	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Blood vessel	Aorta Nos	Mineralization	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Cyst, Nos	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
Lung		Bronchopneumonia, Nos	
		Hyperplasia, Alveolar Epithelium	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_072	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Hemorrhage	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Stomach	Forestomach	Inflammation, Active Chronic	
	Forestomach	Mineralization	
Thymus		Cyst, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_073	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Blood vessel	Artery Nos	Periarteritis	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Heart		Inflammation, Chronic	
Kidney	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
		Mineralization	
Pancreas	Acinus	Focal Cellular Change	
Unspecified	Back	Fibroma	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH			
-			

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_074	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_075	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
		Mineralization	
Pancreas	Acinus	Focal Cellular Change	
	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Follicular-Cell Adenoma	
		Inflammation, Chronic	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_076	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Congestion, Nos	
Nasal cavity		Hemorrhage	
Skin		Exfoliative Dermatitis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_077	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Regeneration, Nos	
Liver		Hematopoiesis	
		Hepatocellular Carcinoma	
Lung		Hemorrhage	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hematopoiesis	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_078	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Mineralization	
Intestine Small	Mesentery Nos	Steatitis	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Bronchopneumonia, Nos	
		Hemorrhage	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Pancreas		Necrosis, Nos	
Pituitary gland	Anterior Pituitary	Cyst, Multiple	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_079	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Fibrosis	
		Hyperplasia, Granulocytic	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Focal Cellular Change	
Preputial gland		Inflammation, Chronic	
Spleen		Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_080	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Hemorrhage	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
	Mesenteric Lymph Node	Inflammation, Acute	
Pancreas	Islets	Hyperplasia, Nos	
Pituitary gland	Intermedia	Cyst, Nos	
Salivary gland		Atrophy, Nos	
Spleen		Hyperplasia, Lymphoid	
Stomach	Forestomach	Acanthosis	
	Forestomach	Hyperkeratosis	
	Forestomach	Inflammation, Acute	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_081	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Hemorrhage	
Preputial gland		Cystic Ducts	
Testis	Scrotum Nos	Steatitis	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_082	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain	Choroid Plexus Nos	Mineralization	
		Mineralization	
Kidney		Lymphocytic Inflammatory Infiltrate	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Lung		Congestion, Nos	
		Histiocytosis	
		Lymphocytic Inflammatory Infiltrate	
		Pneumonia, Interstitial Chronic	
Urinary bladder		Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_083	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Kidney		Lymphocytic Inflammatory Infiltrate	
Lung		Hemorrhage	
		Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_084	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney		Inflammation, Chronic	
Liver		Hepatocellular Carcinoma	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Hepatocellular Carcinoma, Metastatic	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Acinus	Hyperplasia, Nos	
	Islets	Hyperplasia, Nos	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_085	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas	Islets	Hyperplasia, Nos	
Pituitary gland	Anterior Pituitary	Cyst, Nos	
Stomach	Fundal Gland	Dilatation, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
Urinary bladder		Calculus, Gross Observation Only	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_086	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Kidney		Lymphocytic Inflammatory Infiltrate	
	Tubule	Regeneration, Nos	
Lung		Hemorrhage	
		Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_087	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Eye	Nasolacrimal Duct	Hemorrhage	
Liver	Centrilobular	Necrosis, Coagulative	
Lung		Congestion, Nos	
		Hemorrhage	
Lymph node	Mandibular Lymph Node	Pigmentation, Nos	
Skin		Hyperkeratosis	
Spleen		Pigmentation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_088	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Urinary bladder	Capsule	Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate Mineralization	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_089	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Kidney		Lymphocytic Inflammatory Infiltrate	
Lung		Lymphocytic Inflammatory Infiltrate	
Nasal cavity		Hemorrhage	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_090	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Tubule	Dilatation, Nos	
Lung		Hemorrhage	
Lymph node	Mandibular Lymph Node	Pigmentation, Nos	
Spleen		Pigmentation, Nos	
Thymus		Necrosis, Nos	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_091	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Congestion, Nos	
		Mineralization	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
		Hepatocytomegaly	
Lung		Congestion, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_092	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Acinus	Focal Cellular Change	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_093	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Lung	Capsule	Hyperplasia, Nos Congestion, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_094	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_095	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Harderian gland	Hardarian Gland	Adenoma, Nos	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Stomach	Glandular Stomach	Inflammation, Active Chronic	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_096	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Spleen		Hematopoiesis	
Testis	Scrotum Nos	Steatitis	
Thyroid		Cystic Follicles	
Unspecified	Leg	Fibrosarcoma	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_097	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 750.0 MG/KG	DISP: Accidentally Killed	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Liver		Hematopoiesis	
Lung		Bronchopneumonia, Nos	
		Hemorrhage	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_098	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Epididymis		Granuloma, Spermatic	
Kidney		Lymphocytic Inflammatory Infiltrate	
Lung		Congestion, Nos	
		Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_099	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Bronchopneumonia, Nos Hemorrhage Histiocytosis Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_100	TRT#: 1 DOSE: 750.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney		Inflammation, Chronic	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Focal Cellular Change	
Lung		Hemorrhage	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Islets	Hyperplasia, Nos	
Seminal vesicle		Cyst, Nos	
Spleen		Hyperplasia, Lymphoid	
Stomach	Glandular Stomach	Inflammation, Chronic	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_001	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocytomegaly	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_002	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Cortex	Cyst, Nos	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Eye		Cataract	
	Cornea	Inflammation, Active Chronic	
Harderian gland	Hardarian Gland	Adenoma, Nos	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Inflammation, Chronic	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_004	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	
Pancreas	Acinus	Hyperplasia, Nos	
Preputial gland		Inflammation, Chronic	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_005	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Focal Cellular Change	
	Medulla	Pheochromocytoma	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	
Lymph node	Mesenteric Lymph Node	Hemorrhage	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_006	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Cortex	Metaplasia, Osseous	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Focal Cellular Change	
		Hepatocellular Adenoma	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Pancreas	Islets	Hyperplasia, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Eye	Nasolacrimal Duct	Hemorrhage	
Intestine Small	Mesentery Nos	Steatitis	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Hepatocytomegaly	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hematopoiesis	
		Hyperplasia, Lymphoid	
		Pigmentation, Nos	
Thyroid	Follicle	Atrophy, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_008	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Nasal cavity		Fibroma	
Pancreas	Acinus	Focal Cellular Change	
Salivary gland		Atrophy, Nos	
		Lymphocytic Inflammatory Infiltrate	
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Liver		Hematopoiesis	
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos	
Spleen		Hematopoiesis	
Thyroid		Cystic Follicles	
Unspecified		Sarcoma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_010	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Medulla	Pheochromocytoma	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Hyperplasia, Alveolar Epithelium	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Intestine Small	Mesentery Nos	Steatitis	
Kidney	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
	Pleura Nos	Alveolar/Bronchiolar Carcinoma, Invasive	
		Histiocytosis	
Pancreas	Islets	Hyperplasia, Nos	
Unspecified	Mediastinum Nos	Alveolar/Bronchiolar Carcinoma, Invasive	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Gall bladder		Cyst, Nos	
Kidney	Cortex	Cyst, Nos	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
Pancreas	Islets	Hyperplasia, Nos	
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos	
Preputial gland		Inflammation, Chronic	
Prostate		Inflammation, Chronic	
Spleen		Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_014	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal Joint	Ankylosis	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Lung		Hemorrhage	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Stomach	Glandular Stomach	Dysplasia, Epithelial	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Harderian gland	Hardarian Gland	Adenoma, Nos	
Intestine Small	Mesentery Nos	Steatitis	
Kidney	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Testis	Tubule	Mineralization	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_016	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Cortex	Metaplasia, Osseous	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
		Bronchopneumonia, Nos	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_017	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney		Inflammation, Chronic	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
	Periportal	Inflammation, Chronic	
Lung		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Testis		Hyperplasia, Interstitial Cell	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_018	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Mineralization	
Kidney		Inflammation, Chronic	
	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
Salivary gland		Hyperplasia, Alveolar Epithelium	
Spleen		Inflammation, Chronic	
		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney		Inflammation, Chronic	
	Tubule	Mineralization	
Liver		Inflammation, Acute	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Acinus	Focal Cellular Change	
Pituitary gland	Anterior Pituitary	Cyst, Nos	
Salivary gland		Inflammation, Chronic	
Seminal vesicle		Dilatation, Nos	
		Inflammation, Chronic	
Skin		Inflammation, Chronic	
		Ulcer, Nos	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Hemorrhage	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Islets	Hyperplasia, Nos	
Pituitary gland	Anterior Pituitary	Cyst, Multiple	
Preputial gland		Cystic Ducts	
		Inflammation, Chronic	
Stomach	Glandular Stomach	Dysplasia, Epithelial	
	Forestomach	Inflammation, Active Chronic	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Hemorrhage	
		Mineralization	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Mineralization	
Heart	Pericardium Nos	Inflammation, Chronic	
Kidney		Inflammation, Chronic	
Liver		Hepatocellular Carcinoma	
Lung		Bronchopneumonia, Nos	
		Hemosiderosis	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Nasal cavity	Turbinate Nos	Inflammation, Chronic	
Salivary gland		Inflammation, Chronic	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Stomach		Inflammation, Chronic	
Testis		Hyperplasia, Interstitial Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_023	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hemorrhage	
		Hyperplasia, Granulocytic	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
Nasal cavity		Hyperplasia, Alveolar Epithelium	
Unspecified	Multiple Organs Nos	Hemorrhage	
		Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Focal Cellular Change	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Nasal cavity		Inflammation, Acute	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hemangiosarcoma	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Salivary gland		Atrophy, Nos	
Spleen		Hyperplasia, Lymphoid	
Unspecified	Flank	Fibroma	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal	
Testis		Hemangioma	
Unspecified	Back	Fibroma	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_027	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Medulla	Hyperplasia, Nos	
	Medulla	Pheochromocytoma	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Inflammation, Chronic	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
		Hepatocytomegaly	
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Nasal cavity		Hemorrhage	
Stomach	Forestomach	Inflammation, Active Chronic	
	Forestomach	Mineralization	
Thyroid		Cystic Follicles	
Unspecified	Leg	Fibrosarcoma	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
		Tubular-Cell Adenoma	
Liver		Hemangioma	
Nasal cavity		Inflammation, Acute	
Pancreas	Islets	Hyperplasia, Nos	
Tooth	Pulp Of Tooth	Dysplasia, Nos	
Unspecified		Granulation Tissue	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_030	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Medulla	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Necrosis, Coagulative	
Pancreas	Islets	Hyperplasia, Nos	
Pituitary gland	Anterior Pituitary	Adenoma, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney		Inflammation, Chronic	
Liver		Hepatocellular Carcinoma	
		Lymphocytic Inflammatory Infiltrate	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Prostate		Inflammation, Chronic	
Salivary gland		Inflammation, Chronic	
Spleen		Hematopoiesis	
Unspecified		Fibrosarcoma	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Cortical Adenoma	
		Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Gall bladder		Inflammation, Acute	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cyst, Nos	
		Cytoplasmic Vacuolization	
Lung		Hemorrhage	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
Stomach	Fundal Gland	Dilatation, Nos	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_033	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Heart		Lymphocytic Inflammatory Infiltrate	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Lymphocytic Inflammatory Infiltrate	
Preputial gland		Inflammation, Chronic	
Stomach	Glandular Stomach	Lymphocytic Inflammatory Infiltrate	
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_034	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Stomach	Glandular Stomach	Dysplasia, Epithelial	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_035	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Lung		Histiocytosis	
Spleen		Hematopoiesis	
Stomach	Forestomach	Hyperkeratosis	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
	Back	Sarcoma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_036	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
Preputial gland		Hyperplasia, Alveolar Epithelium	
Skin	Back	Inflammation, Chronic	
Unspecified	Multiple Organs Nos	Inflammation, Chronic	
Urethra		Lymphocytic Inflammatory Infiltrate	
		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Focal Cellular Change	
Pancreas	Acinus	Focal Cellular Change	
Unspecified	Chest	Fibroma	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Tubule	Regeneration, Nos	
Lung		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
		Hyperplasia, Lymphoid	
Nasal cavity		Hemorrhage	
Preputial gland		Inflammation, Chronic	
Skin		Inflammation, Chronic	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Medulla	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Intestine Small	Mesentery Nos	Steatitis	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Carcinoma	
		Histiocytosis	
Preputial gland		Cystic Ducts	
		Inflammation, Chronic	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Epididymis		Inflammation, Chronic	
Kidney		Inflammation, Chronic	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
Salivary gland		Inflammation, Chronic	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_041	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
		Histiocytosis	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
Salivary gland		Atrophy, Nos	
Thymus		Hyperplasia, Reticulum Cell	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Lung		Bronchopneumonia, Nos	
		Hemorrhage	
		Lymphocytic Inflammatory Infiltrate	
Nasal cavity		Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_043	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Heart		Inflammation, Chronic	
Kidney		Inflammation, Chronic	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Carcinoma	
	Pleura Nos	Alveolar/Bronchiolar Carcinoma, Invasive	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Islets	Hyperplasia, Nos	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
	-		

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_045	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Islets	Hyperplasia, Nos	
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Heart		Inflammation, Chronic	
Kidney	Cortex	Cyst, Nos	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
		Inflammation, Active Chronic	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urinary bladder		Cast, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Dilatation, Nos	
		Inflammation, Chronic	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
		Mineralization	
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Mineralization	
Liver		Lymphoma, Nos-Malignant	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049	TRT#: 2 DOSE: 375.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Lung		Neurilemoma, Metastatic	
Nasal cavity		Inflammation, Acute	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
	Orbital Region	Neurilemoma, Malignant	
	Mediastinum Nos	Neurilemoma, Metastatic	
Urethra		Cast, Nos	
Urinary bladder		Inflammation, Acute	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_050	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 375.0 MG/KG	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Adenoma	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_101	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Cytoplasmic Vacuolization	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
Pancreas	Acinus	Atrophy, Nos	
		Cyst, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_102	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Lung		Hemorrhage	
Nasal cavity		Hemorrhage	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_103	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Preputial gland		Cystic Ducts	
		Inflammation, Chronic	
Spleen		Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_104	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Lung		Hemorrhage	
		Histiocytosis	
Nasal cavity		Hemorrhage	
Preputial gland		Cystic Ducts	
Spleen		Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519

Test Type: Long-Term

Route: Gavage

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Mercaptobenzothiazole

CAS Number: 149-30-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:11:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_105	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Cortex	Cyst, Nos	
	Tubule	Dilatation, Nos	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Hyperplasia, Alveolar Epithelium	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
Spleen		Hematopoiesis	
Stomach	Fundal Gland	Dilatation, Nos	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_106	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Fibrosis	
		Hyperplasia, Granulocytic	
Brain		Mineralization	
Nasal cavity		Lymphocytic Inflammatory Infiltrate	
Pancreas	Islets	Hyperplasia, Nos	
Salivary gland		Lymphocytic Inflammatory Infiltrate	
Tooth	Pulp Of Tooth	Dysplasia, Nos	
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_107	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
		Inflammation, Acute	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_108	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Knee Joint Nos	Osteoarthritis	
Brain		Mineralization	
Parathyroid gland		Metaplasia, Osseous	
Spleen		Hematopoiesis	
Unspecified		Fibrosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_109	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Mineralization	
Kidney		Inflammation, Chronic	
Liver		Hepatocellular Carcinoma	
Lung		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Salivary gland		Inflammation, Chronic	
Spleen		Pigmentation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_110	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Medulla	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_111	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Inflammation, Acute	
Kidney	Cortex	Adenocarcinoma, Nos, Metastatic	
	Tubule	Mineralization	
Lung		Adenocarcinoma, Nos, Metastatic	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Mammary gland		Adenocarcinoma, Nos	
Pancreas	Islets	Hyperplasia, Nos	
Salivary gland		Adenocarcinoma, Nos, Metastatic	
Spleen		Hematopoiesis	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_112	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Epididymis		Inflammation, Chronic	
Heart		Inflammation, Chronic	
Kidney	Cortex	Cyst, Multiple	
	Tubule	Cytoplasmic Vacuolization	
		Inflammation, Chronic	
Liver		Hepatocytomegaly	
		Inflammation, Active Chronic	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
	Mandibular Lymph Node	Pigmentation, Nos	
Prostate		Inflammation, Chronic	
Spleen		Hematopoiesis	
Stomach	Forestomach	Hyperkeratosis	
Unspecified	Groin	Abscess, Nos	
		Inflammation, Chronic	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519

Test Type: Long-Term

Route: Gavage

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Mercaptobenzothiazole

CAS Number: 149-30-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:11:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_113	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_114	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Abscess, Nos	
Seminal vesicle		Dilatation, Nos	
Unspecified		Granuloma, Nos	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_115	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Medulla	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Carcinoma	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Inflammation, Chronic	
Prostate		Inflammation, Chronic	
Spleen		Hematopoiesis	
Stomach	Fundal Gland	Dilatation, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urinary bladder		Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_116	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Cortex	Cyst, Multiple	
	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Hemorrhage	
Nasal cavity		Hemorrhage	
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
		Inflammation, Chronic	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_117	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Kidney	Pelvis	Hemorrhage	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
Nasal cavity		Hemorrhage	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Stomach	Fundal Gland	Dilatation, Nos	
Testis		Atrophy, Nos	
	Tubule	Mineralization	
Unspecified	Trunk	Fibrosarcoma	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_118	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Harderian gland	Hardarian Gland	Adenoma, Nos	
Kidney	Tubule	Cytoplasmic Vacuolization	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Nasal cavity		Lymphocytic Inflammatory Infiltrate	
Spleen		Hematopoiesis	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_119	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Cortex	Cyst, Multiple	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Lung		Congestion, Nos	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Stomach	Forestomach	Hyperkeratosis	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_120	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Lymphocytic Inflammatory Infiltrate	
Kidney		Lymphocytic Inflammatory Infiltrate	
Lung		Lymphocytic Inflammatory Infiltrate	
		Sarcoma, Nos, Metastatic	
Spleen		Hematopoiesis	
Testis	Tubule	Mineralization	
Unspecified	Leg	Sarcoma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_122	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Skin	Hip	Inflammation, Chronic	
	Hip	Mineralization	
Spleen		Hematopoiesis	
Stomach	Fundal Gland	Dilatation, Nos	
	Glandular Stomach	Dysplasia, Epithelial	
Unspecified	Hip	Granuloma, Foreign Body	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_123	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Preputial gland		Inflammation, Chronic	
Skin		Ulcer, Nos	
Stomach	Forestomach	Hyperplasia, Epithelial	
Thymus		Hyperplasia, Lymphoid	
Unspecified		Granuloma, Foreign Body	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_124	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Skin	Tail	Inflammation, Chronic	
	Tail	Ulcer, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_125	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Brain		Mineralization	
Kidney	Cortex	Cyst, Nos	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
Lymph node		Hyperplasia, Lymphoid	
Preputial gland		Inflammation, Chronic	
Skin	Tail	Inflammation, Chronic	
	Tail	Ulcer, Nos	
Thyroid		Cystic Follicles	
		Hyperplasia, Follicular Cell	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
		Steatitis	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_126	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Intestine Small	Mesentery Nos	Steatitis	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Focal Cellular Change	
		Hepatocellular Adenoma	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
Thymus		Hyperplasia, Lymphoid	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_127	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Mineralization	
Heart		Inflammation, Chronic	
Kidney	Tubule	Mineralization	
Liver		Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
Lung		Bronchopneumonia, Nos	
		Hemorrhage	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_128	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_129	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Heart		Inflammation, Chronic	
Kidney	Cortex	Cyst, Multiple	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
		Histiocytosis	
Lymph node		Hyperplasia, Alveolar Epithelium	
Unspecified	Back	Hyperplasia, Lymphoid	
		Fibroma	
		Inflammation, Chronic	
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_130	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Kidney	Cortex	Cyst, Nos	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia, Alveolar Epithelium	
Pancreas	Acinus	Focal Cellular Change	
Stomach	Glandular Stomach	Mineralization	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_131	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Regeneration, Nos	
Liver		Congestion, Nos	
		Hepatocellular Carcinoma	
Thyroid		Cystic Follicles	
		Follicular-Cell Adenoma	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_132	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Focal Cellular Change	
Lymph node		Hyperplasia, Lymphoid	
Pancreas	Acinus	Atrophy, Nos	
Preputial gland		Inflammation, Chronic	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urinary bladder		Inflammation, Chronic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_133	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Bronchopneumonia, Nos	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_134	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Cortex	Metaplasia, Osseous	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Inflammation, Chronic	
Stomach	Fundal Gland	Dilatation, Nos	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_135	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Blood vessel	Artery Nos	Mineralization	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Inflammation, Active Chronic	
Nasal cavity		Hemorrhage	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_136	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Brain		Mineralization	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Hemorrhage	
		Histiocytosis	
Seminal vesicle		Hyperplasia, Alveolar Epithelium	
Unspecified		Dilatation, Nos	
Urethra	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_137	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
Lung		Hyperplasia, Alveolar Epithelium	
Pancreas	Islets	Hyperplasia, Nos	
Pituitary gland	Anterior Pituitary	Cyst, Multiple	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_138	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Lung		Bronchopneumonia, Nos	
		Cholesterol Deposit	
		Hemorrhage	
		Hyperplasia, Alveolar Epithelium	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_139	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Fibrosis	
		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
		Inflammation, Chronic	
Spleen		Hyperplasia, Lymphoid	
Thyroid		Cystic Follicles	
		Hyperplasia, Follicular Cell	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_140	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
		Bronchopneumonia, Nos	
		Hemorrhage	
		Histiocytosis	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
Salivary gland		Atrophy, Nos	
Spleen		Hyperplasia, Lymphoid	
Testis	Scrotum Nos	Steatitis	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_141	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Intestine Small	Mesentery Nos	Cyst, Nos	
	Mesentery Nos	Steatitis	
Kidney	Tubule	Regeneration, Nos	
Liver		Hematopoiesis	
		Mineralization	
Lung		Bronchopneumonia, Nos	
		Hemorrhage	
		Histiocytosis	
		Hyperplasia, Alveolar Epithelium	
		Mineralization	
Nasal cavity		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Preputial gland		Cystic Ducts	
Skin	Tail	Keratoacanthoma	
Stomach	Glandular Stomach	Metaplasia, Squamous	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_142	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos Capsule	Accessory Structure Hyperplasia, Nos Hyperplasia, Granulocytic Mineralization	
Bone marrow		Mineralization	
Brain		Regeneration, Nos	
Kidney	Tubule Tubule	Hematopoiesis Bronchopneumonia, Nos Hemorrhage Histiocytosis Hyperplasia, Alveolar Epithelium	
Liver		Hyperplasia, Nos	
Lung		Inflammation, Active Chronic Lymphocytic Inflammatory Infiltrate	
Pancreas	Islets	Cast, Nos	
Tooth	Root		
Unspecified	Multiple Organs Nos		
Urethra			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_143	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Intestine Small	Peyers Patch	Lymphoma, Mixed-Malignant Type	
Kidney	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Liver		Hepatocellular Adenoma	
Preputial gland		Inflammation, Chronic	
Stomach	Glandular Stomach	Inflammation, Acute	
Thyroid		Follicular-Cell Adenoma	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_144	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Gall bladder		Cyst, Nos	
Harderian gland	Hardarian Gland	Adenoma, Nos	
Heart		Inflammation, Chronic	
Kidney	Tubule	Dilatation, Nos	
	Tubule	Mineralization	
	Tubule	Regeneration, Nos	
Lung		Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
Skin	Eyelid Nos	Inflammation, Chronic	
Spleen		Hematopoiesis	
Testis		Interstitial-Cell Tumor	
	Tubule	Mineralization	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_145	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Liver		Hepatocellular Carcinoma	
Lymph node	Mesenteric Lymph Node	Inflammation, Active Chronic	
Preputial gland		Inflammation, Chronic	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Stomach	Glandular Stomach	Inflammation, Acute	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 3_146	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone	Tarsal Joint	Ankylosis	
Bone marrow		Hyperplasia, Granulocytic	
Kidney	Tubule	Regeneration, Nos	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Stomach	Forestomach	Inflammation, Acute	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_147	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Harderian gland	Harderian Gland	Adenoma, Nos	
Kidney	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
		Histiocytosis	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
Pancreas	Islets	Hyperplasia, Nos	
Thymus		Cyst, Nos	
Thyroid		Cystic Follicles	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_148	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
	Cortex Nos	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Kidney	Cortex	Cyst, Nos	
	Tubule	Mineralization	
	Tubule	Necrosis, Nos	
	Tubule	Regeneration, Nos	
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
Pancreas	Islets	Hyperplasia, Nos	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56519
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Mercaptobenzothiazole
CAS Number: 149-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:11:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_149	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Nos	
Bone marrow		Hyperplasia, Granulocytic	
Brain		Mineralization	
Eye	Nasolacrimal Duct	Hemorrhage	
Gall bladder		Cyst, Nos	
Intestine Small	Mesentery Nos	Steatitis	
Kidney	Tubule	Dilatation, Nos	
		Inflammation, Chronic	
	Tubule	Regeneration, Nos	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
Preputial gland		Inflammation, Suppurative	
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate	
Urethra		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_150	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos Capsule	Cyst, Nos Hyperplasia, Nos Mineralization	
Brain		Mineralization	
Kidney	Tubule Tubule	Regeneration, Nos Cystic Ducts	
Preputial gland		Hyperplasia, Lymphoid	
Spleen		Dilatation, Nos	
Stomach	Fundal Gland	Lymphocytic Inflammatory Infiltrate	
Unspecified	Multiple Organs Nos		
PRIMARY CAUSE OF DEATH	-		

** END OF REPORT **