

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

C Number: C50044A

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Alveolar/Bronchiolar Carcinoma
		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
Preputial gland		Carcinoma, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Steatitis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Mammary gland		Cystic Ducts
Pancreas		Atrophy, Nos
Pituitary gland		Hyperplasia, Focal
Skin		Acanthosis
		Hyperkeratosis
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombosis, Nos
Kidney		Inflammation, Chronic
Liver		Congestion, Nos
	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
		Metamorphosis, Fatty
	Centrilobular	Necrosis, Nos
Pancreas		Atrophy, Nos
Prostate		Inflammation, Chronic
Skin		Acanthosis
		Hyperkeratosis
Spleen		Congestion, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Heart

Kidney

Liver

Lung

Testis

Myocardium Nos

Pelvis

Bile Duct

Inflammation, Chronic

Calcification, Nos

Carcinosarcoma

Inflammation, Chronic

Hyperplasia, Nos

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Preputial gland

Spleen

Testis

Bile Duct

Inflammation, Chronic

Focal Cellular Change

Hyperplasia, Nos

Pneumonia, Chronic Murine

Carcinoma, Nos

Hemangiosarcoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Inflammation, Chronic
Prostate		Inflammation, Acute
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Testis

Thyroid

Unspecified

Myocardium Nos

Bile Duct

Bile Duct

Bile Duct

Multiple Organs Nos

Metamorphosis, Fatty

Degeneration, Nos

Inflammation, Chronic

Fibrosis

Hyperplasia, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Atrophy, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Calcification, Nos
	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Nos
		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Stomach		Acanthosis
		Mineralization
Testis		Necrosis, Focal
Unspecified	Multiple Organs Nos	Hyperplasia, Interstitial Cell
		Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Prostate

Testis

Myocardium Nos

Bile Duct

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Inflammation, Chronic

Hyperplasia, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Pituitary gland

Prostate

Testis

Bile Duct

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Chronic Murine

Chromophobe Adenoma

Inflammation, Acute

Degeneration, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
		Infarct, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Prostate

Testis

Unspecified

Myocardium Nos

Multiple Organs Nos

Abdominal Cavity

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Cystic Ducts

Chromophobe Adenoma

Inflammation, Acute

Interstitial-Cell Tumor

Leukemia, Monocytic

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Skin	Tail	Hyperkeratosis
Stomach		Mineralization
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
	Abdominal Cavity	Leukemia, Monocytic
		Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Myocardium Nos

Bile Duct

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Inflammation, Chronic

Tubular-Cell Adenoma

Focal Cellular Change

Hyperplasia, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Hematopoiesis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Prostate		Inflammation, Acute
Skin	Back	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Myocardium Nos

Bile Duct

Bile Duct

Lung

Pancreas

Spleen

Testis

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Focal Cellular Change

Hyperplasia, Nos

Inflammation, Chronic

Hemorrhage

Pneumonia, Chronic Murine

Atrophy, Nos

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Hemorrhage
		Pneumonia, Chronic Murine
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Prostate

Testis

Inflammation, Chronic

Inflammation, Acute

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Skin	Scrotum	Cyst, Epidermal Inclusion
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Hemorrhage
		Pneumonia, Chronic Murine
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pituitary gland		Cyst, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Epididymis		Steatitis
Eye		Cataract
	Retina	Degeneration, Nos
		Synechia, Posterior
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Hemorrhage
		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis
Preputial gland		Carcinoma, Nos
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Transitional-Cell Carcinoma
Lung		Hemorrhage
		Hyperplasia, Alveolar Epithelium
		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Spleen		Hematopoiesis
Stomach		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
Thymus		Thymoma, Benign
Unspecified	Axilla	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Prostate

Testis

Inflammation, Chronic

Inflammation, Acute

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Stomach		Hemorrhage
		Necrosis, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Back	Fibroma
	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver

Lung

Pancreas
Pituitary gland
Preputial gland
Testis

Capsule
Myocardium Nos

Bile Duct

Fibrosis
Inflammation, Chronic
Inflammation, Chronic
Focal Cellular Change
Hyperplasia, Nos
Hemorrhage
Pneumonia, Chronic Murine
Atrophy, Nos
Chromophobe Adenoma
Carcinoma, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Hemangiosarcoma

Kidney

Inflammation, Chronic

Liver

Centrilobular

Necrosis, Nos

Lung

Congestion, Nos

Lymph node

Thoracic Lymph Node

Atrophy, Nos

Prostate

Inflammation, Chronic

Spleen

Hematopoiesis

Stomach

Hemorrhage

Testis

Necrosis, Nos

Degeneration, Nos

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
Preputial gland		Carcinoma, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pituitary gland		Hyperplasia, Focal
Prostate		Inflammation, Acute
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Myocardium Nos
Large Intestine, Colon

Liver

Tubule
Bile Duct
Bile Duct
Bile Duct

Pheochromocytoma
Degeneration, Nos
Parasitism
Inflammation, Chronic
Papillary Cystadenoma, Nos
Fibrosis
Hyperplasia, Nos
Inflammation, Chronic
Pneumonia, Chronic Murine
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Cortex	Cyst, Nos
		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Acute
Stomach		Angioma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Hemorrhage

Testis

Pneumonia, Chronic Murine

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

Unspecified

Back

C-Cell Carcinoma

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Chronic

Lung

Metamorphosis, Fatty

Pancreas

Pneumonia, Chronic Murine

Prostate

Atrophy, Nos

Testis

Inflammation, Chronic

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
		Pigmentation, Nos
Liver		Hepatitis, Toxic
Lung		Pneumonia, Chronic Murine
Mammary gland		Cyst, Nos
Stomach		Inflammation, Chronic
		Necrosis, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Lung

Spleen

Testis

Inflammation, Chronic

Pneumonia, Chronic Murine

Hematopoiesis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Unspecified

Groin

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos Metamorphosis, Fatty
Heart	Endocardium Nos	Sarcoma, Nos
Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Inflammation, Chronic
Prostate		Inflammation, Acute
Skin		Hyperkeratosis
	Epidermis	Necrosis, Nos
Spleen		Hematopoiesis
Stomach		Necrosis, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
		Pigmentation, Nos
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
		Metamorphosis, Fatty
		Necrosis, Nos
		Peliosis Hepatis
		Thrombosis, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Scrotum Nos	Mesothelioma, Malignant
Thyroid		C-Cell Carcinoma
		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Mesothelioma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Liver

Bile Duct

Fibrosis

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Spleen

Hematopoiesis

Testis

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Liver

Hepatitis, Toxic

Lung

Pneumonia, Chronic Murine

Mammary gland

Cyst, Nos

Pancreas

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Preputial gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
		Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hepatitis, Toxic
Lung		Pneumonia, Chronic Murine
Mammary gland		Cyst, Nos
Prostate		Inflammation, Acute
Stomach		Inflammation, Chronic
		Necrosis, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Chronic Synechia, Posterior
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 100.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Stomach		Acanthosis
		Hyperkeratosis
		Inflammation, Chronic
		Necrosis, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic
Urinary bladder		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hematopoiesis
Prostate	Inflammation, Suppurative
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
		Pneumonia, Chronic Murine
Preputial gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
	Tubule	Pigmentation, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebrum	Astrocytoma
Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Spleen		Hemosiderosis
Stomach		Acanthosis
		Hyperkeratosis
Testis		Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
		Hemosiderosis
Stomach		Hyperkeratosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Lung

Mammary gland

Salivary gland

Testis

Myocardium Nos

Mesentery Nos

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Necrosis, Fat

Inflammation, Chronic

Hyperplasia, Nos

Pneumonia, Chronic Murine

Fibroadenoma

Hyperplasia, Cystic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Aorta Nos

Inflammation, Chronic

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Acute

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Heart

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Prostate

Spleen

Testis

Myocardium Nos

Bile Duct

Necrosis, Fat

Degeneration, Nos

Inflammation, Chronic

Hyperplasia, Nos

Pneumonia, Chronic Murine

Cystic Ducts

Chromophobe Adenoma

Inflammation, Acute

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Prostate

Pneumonia, Aspiration

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Esophagus

Heart

Kidney

Liver

Lung

Pituitary gland

Testis

Myocardium Nos

Hyperplasia, Hematopoietic

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Necrosis, Focal

Pneumonia, Chronic Murine

Chromophobe Adenoma

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Mammary gland		Cystic Ducts
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Acute
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Kidney

Liver

Lung

Preputial gland

Prostate

Spleen

Testis

Myocardium Nos

Pheochromocytoma

Fibrosis, Myelo

Inflammation, Chronic

Inflammation, Chronic

Focal Cellular Change

Hemorrhage

Pneumonia, Chronic Murine

Carcinoma, Nos

Inflammation, Chronic

Fibrosis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 100.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH -

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 100.0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Cystic Ducts
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
	Scrotum Nos	Mesothelioma, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Pancreas		Inflammation, Chronic
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Parasitism

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Pancreas

Islets

Islet-Cell Adenoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Acanthosis

Hyperkeratosis

Inflammation, Chronic

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Inflammation, Chronic

Lung

Pneumonia, Aspiration

Mammary gland

Fibroadenoma

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Liposarcoma, Metastatic

Prostate

Pneumonia, Chronic Murine

Spleen

Inflammation, Acute

Testis

Hemosiderosis

Unspecified

Interstitial-Cell Tumor

Abdominal Cavity

Fibrosarcoma

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Stomach		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Large Intestine, Colon	Parasitism
Kidney		Inflammation, Chronic
Liver	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
		Pneumonia, Chronic Murine
Stomach		Acanthosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Adenocarcinoma, Nos, Metastatic
Mammary gland		Adenocarcinoma, Nos
		Fibroadenoma
Testis		Interstitial-Cell Tumor
Unspecified	Diaphragm Nos	Adenocarcinoma, Nos, Metastatic
	Mediastinum Nos	Adenocarcinoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Spleen		Hematopoiesis
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Hemorrhage
	Cerebrum	Hemorrhage
Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
Stomach		Hemorrhage
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Chronic
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Liver

Lung

Prostate

Testis

Myocardium Nos

Centrilobular

Hyperkeratosis

Fibrosis

Inflammation, Chronic

Focal Cellular Change

Necrosis, Nos

Pneumonia, Aspiration

Pneumonia, Chronic Murine

Inflammation, Acute

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Esophagus

Heart

Kidney

Lung

Pancreas

Spleen

Testis

Trachea

Myocardium Nos

Islets

Pheochromocytoma

Hyperkeratosis

Fibrosis

Inflammation, Chronic

Pneumonia, Chronic Murine

Hyperplasia, Focal

Hematopoiesis

Interstitial-Cell Tumor

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Stomach		Acanthosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Skin		Squamous Cell Carcinoma
Spleen		Hematopoiesis
		Hemosiderosis
Stomach		Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 100.0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Necrosis, Fat
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Infarct, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Hemorrhage
		Hyperplasia, Focal
Preputial gland		Hyperplasia, Cystic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Spleen

Stomach

Testis

Bile Duct

Inflammation, Chronic

Focal Cellular Change

Hyperplasia, Nos

Pneumonia, Chronic Murine

Hemosiderosis

Hyperkeratosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 100.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hemosiderosis
Stomach		Hemorrhage
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH -

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Hemorrhage
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
Pancreas		Atrophy, Focal
Pituitary gland		Cyst, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Steatitis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 100.0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Chronic
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
	Tubule	Pigmentation, Nos
Liver		Necrosis, Focal
Lung		Pneumonia, Chronic Murine
Mammary gland		Hyperplasia, Cystic
Pancreas		Pigmentation, Nos
Pituitary gland		Chromophobe Adenoma
Skin	Scrotum	Papilloma, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified	Multiple Organs Nos	Leukemia, Monocytic
	Multiple Organs Nos	Mesothelioma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Heart

Kidney

Liver

Lung

Testis

Unspecified

Myocardium Nos

Bile Duct

Abdominal Cavity

Steatitis

Fibrosis

Inflammation, Chronic

Hyperplasia, Nos

Hemorrhage

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Metamorphosis, Fatty

Lung

Pneumonia, Chronic Murine

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Testis		Hyperplasia, Interstitial Cell
	Tunica Vaginalis	Interstitial-Cell Tumor
Thyroid		Mesothelioma, Nos
Unspecified	Abdominal Cavity	Hyperplasia, C Cell
		Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Aspiration

Pituitary gland

Pneumonia, Chronic Murine

Skin

Cyst, Nos

Testis

Cyst, Epidermal Inclusion

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 100.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Hyperplasia, Nos
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
	Scrotum Nos	Interstitial-Cell Tumor
		Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Kidney

Liver

Lung

Stomach

Centrilobular

Hyperkeratosis

Inflammation, Chronic

Necrosis, Nos

Pneumonia, Chronic Murine

Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Lung

Prostate

Spleen

Testis

Myocardium Nos

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Hemorrhage

Pneumonia, Chronic Murine

Abscess, Nos

Hematopoiesis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Lung

Stomach

Myocardium Nos

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Chronic Murine

Acanthosis

Hyperkeratosis

Necrosis, Focal

Hyperplasia, Interstitial Cell

Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombosis, Nos
Kidney	Cortex	Abscess, Nos
	Tubule	Necrosis, Cytodegenerative
Liver	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
		Squamous Cell Carcinoma, Metastatic
Spleen		Hematopoiesis
Stomach		Necrosis, Focal
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Intestine Large

Kidney

Liver

Lung

Prostate

Spleen

Testis

Myocardium Nos

Large Intestine, Colon

Hyperkeratosis

Inflammation, Chronic

Parasitism

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Inflammation, Acute

Hemosiderosis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Lung

Pituitary gland

Spleen

Testis

Myocardium Nos

Hyperkeratosis

Degeneration, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Chromophobe Adenoma

Hematopoiesis

Degeneration, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Liver

Lung

Centrilobular

Hyperkeratosis

Necrosis, Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 200.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Infarct, Nos
Lung		Abscess, Nos
		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Prostate		Abscess, Nos
Spleen	Follicles	Atrophy, Nos
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Hyperkeratosis

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Lung

Pneumonia, Aspiration

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 200.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
Spleen		Hematopoiesis
Stomach		Acanthosis
		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Urinary bladder		Metaplasia, Osseous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Necrosis, Focal
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Kidney

Liver

Lung

Seminal vesicle

Testis

Centrilobular

Hyperkeratosis

Inflammation, Chronic

Necrosis, Nos

Congestion, Nos

Inflammation, Nos

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Liver

Lung

Myocardium Nos

Bile Duct

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Fibrosis

Abscess, Nos

Pneumonia, Aspiration

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

Follicular-Cell Adenoma

Testis

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 200.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Large Intestine, Colon	Parasitism
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Testis		Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Pneumonia, Aspiration
Stomach		Acanthosis
		Hyperkeratosis
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Acanthosis

Liver

Hyperkeratosis

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 200.0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Large Intestine, Colon	Parasitism
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Stomach		Hyperkeratosis
Testis		Degeneration, Nos
	Tunica Vaginalis	Interstitial-Cell Tumor
		Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Hyperkeratosis

Kidney

Inflammation, Chronic

Liver

Centrilobular

Inflammation, Chronic

Lung

Necrosis, Nos

Thyroid

Congestion, Nos

Trachea

Edema, Nos

Inflammation, Chronic

Inflammation, Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Esophagus

Kidney

Lung

Nasal cavity

Nose Nos

Peritoneum

Skin

Nose

Stomach

Testis

Hyperplasia, Hematopoietic

Hyperkeratosis

Inflammation, Chronic

Pneumonia, Aspiration

Pneumonia, Chronic Murine

Inflammation, Acute

Mesothelioma, Nos

Ulcer, Nos

Hemorrhage

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 200.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
		Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
Lung		Congestion, Nos
		Edema, Nos
Salivary gland		Inflammation, Suppurative
Thyroid		Inflammation, Chronic
Unspecified		Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Hemorrhage
Ear	Canal	Hyperkeratosis
Epididymis		Necrosis, Fat
Esophagus		Hyperkeratosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Skin	Face	Squamous Cell Carcinoma
Stomach		Hemorrhage
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Esophagus

Heart

Kidney

Lung

Spleen

Testis

Myocardium Nos

Myocardium Nos

Pheochromocytoma

Hyperkeratosis

Degeneration, Nos

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Chronic Murine

Hematopoiesis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Hyperkeratosis

Stomach

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Liver

Lung

Spleen

Testis

Myocardium Nos

Centrilobular

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Necrosis, Nos

Pneumonia, Chronic Murine

Hematopoiesis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Eye

Retina

Hyperkeratosis

Degeneration, Nos

Hemorrhage

Synechia, Posterior

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Large

Large Intestine, Colon

Parasitism

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Acute

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Lung

Spleen

Testis

Unspecified

Myocardium Nos

Groin

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Chronic Murine

Hematopoiesis

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Liver

Lung

Spleen

Testis

Myocardium Nos

Bile Duct

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Fibrosis

Pneumonia, Aspiration

Pneumonia, Chronic Murine

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Esophagus

Kidney

Liver

Lung

Testis

Centrilobular

Granuloma, Spermatic

Hyperkeratosis

Inflammation, Chronic

Necrosis, Nos

Congestion, Nos

Hypospermatogenesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Kidney

Liver

Lung

Spleen

Testis

Hyperkeratosis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Aspiration

Pneumonia, Chronic Murine

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 200.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Necrosis, Focal
Lung		Pneumonia, Chronic Murine
Stomach		Acanthosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Liver

Lung

Spleen

Testis

Myocardium Nos

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Angiosarcoma

Pneumonia, Chronic Murine

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Lung

Pituitary gland

Seminal vesicle

Spleen

Testis

Unspecified

Myocardium Nos

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Aspiration

Pneumonia, Chronic Murine

Chromophobe Adenoma

Inflammation, Acute

Hemosiderosis

Degeneration, Nos

Hematoma, Organized

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Kidney

Liver

Lung

Stomach

Centrilobular

Hyperkeratosis

Inflammation, Chronic

Necrosis, Nos

Congestion, Nos

Acanthosis

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Lung

Testis

Myocardium Nos

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Chronic Murine

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Lung

Spleen

Testis

Unspecified

Myocardium Nos

Abdominal Cavity

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Chronic Murine

Hematopoiesis

Interstitial-Cell Tumor

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Chronic Murine

Hyperplasia, Interstitial Cell

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Kidney

Lung

Spleen

Testis

Hyperkeratosis

Inflammation, Chronic

Pneumonia, Aspiration

Pneumonia, Chronic Murine

Hemosiderosis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Liver

Lung

Prostate

Stomach

Testis

Myocardium Nos

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Hepatitis, Toxic

Pneumonia, Chronic Murine

Inflammation, Chronic

Acanthosis

Hyperkeratosis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Lung

Spleen

Testis

Myocardium Nos

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Chronic Murine

Hematopoiesis

Hemosiderosis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Liver

Lung

Testis

Thyroid

Myocardium Nos

Bile Duct

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Hyperplasia, Nos

Pneumonia, Chronic Murine

Hyperplasia, Interstitial Cell

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 200.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hemosiderosis
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Liver

Lung

Spleen

Stomach

Testis

Myocardium Nos

Hyperkeratosis

Inflammation, Chronic

Inflammation, Chronic

Angiectasis

Focal Cellular Change

Pneumonia, Chronic Murine

Hemosiderosis

Acanthosis

Hyperkeratosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Liver

Lung

Preputial gland

Stomach

Centrilobular

Hyperkeratosis

Inflammation, Chronic

Necrosis, Nos

Congestion, Nos

Pneumonia, Aspiration

Squamous Cell Carcinoma

Ulcer, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Axilla	Fibroma
	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus
Intestine Large
Kidney
Lung

Cecum, Colon

Spleen
Stomach

Hyperkeratosis
Inflammation, Acute
Inflammation, Chronic
Pneumonia, Aspiration
Pneumonia, Chronic Murine
Hemosiderosis
Acanthosis
Hemorrhage
Hyperkeratosis
Necrosis, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 200.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney		Calcification, Nos
Lung		Hemorrhage
		Pneumonia, Chronic Murine
Seminal vesicle		Inflammation, Acute
Spleen	Follicles	Atrophy, Nos
Testis		Degeneration, Nos
	Scrotum Nos	Squamous Cell Carcinoma
Urinary bladder		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_001

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

Testis

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor
Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_002

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Granuloma, Spermatic
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Spleen		Angiectasis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH -

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Prostate		Inflammation, Acute
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Esophagus

Hyperkeratosis

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Aspiration

Pancreas

Pneumonia, Chronic Murine

Pituitary gland

Atrophy, Focal

Prostate

Chromophobe Adenoma

Testis

Inflammation, Acute

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_005

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_006

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Chronic
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Prostate		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Tail	Fibroma
	Multiple Organs Nos	Leukemia, Monocytic
	Abdominal Cavity	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_007

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Chronic
Stomach		Acanthosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
	Tubule	Pigmentation, Nos
Liver		Hepatitis, Toxic
Lung		Pneumonia, Chronic Murine
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_009

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
		Thrombosis, Nos
Prostate		Inflammation, Chronic
Spleen		Fibrosis
	Capsule	Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_010

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Preputial gland		Carcinoma, Nos
Skin		Squamous Cell Carcinoma
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos Atrium	Degeneration, Nos Thrombosis, Nos
Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
Lung		Infarct, Nos Pneumonia, Chronic Murine Thrombosis, Nos
Preputial gland		Carcinoma, Nos
Prostate		Abscess, Nos
Spleen		Hematopoiesis
Testis		Degeneration, Nos Hyperplasia, Interstitial Cell
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Heart	Base Of Heart	Abscess, Nos
Liver		Congestion, Nos
Lung		Edema, Nos
Thymus		Pneumonia, Chronic Murine
		Abscess, Nos
		Foreign Body, Vegetable
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_014

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Liver	Bile Duct	Fibrosis
	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Hemorrhage
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Esophagus

Heart

Intestine Large

Kidney

Lung

Testis

Myocardium Nos

Large Intestine, Colon

Hyperkeratosis

Fibrosis

Parasitism

Inflammation, Chronic

Pneumonia, Chronic Murine

Degeneration, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Leukemia, Monocytic

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Hemosiderosis

Prostate

Pneumonia, Chronic Murine

Spleen

Inflammation, Acute

Testis

Hemosiderosis

Hyperplasia, Interstitial Cell

Unspecified

Abdominal Cavity

Interstitial-Cell Tumor

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_017

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Cerebrum	Hemorrhage
	Cerebrum	Necrosis, Nos
Eye		Synechia, Posterior
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Parathyroid gland		Hyperplasia, Nos
Spleen		Fibrosis
		Hemorrhage
		Inflammation, Chronic
Stomach		Acanthosis
		Hemorrhage
		Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Aspiration

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_019

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Myocardium Nos

Papilla

Liver

Lung

Prostate

Spleen

Stomach

Testis

Unspecified

Urinary bladder

Groin

Hyperkeratosis

Degeneration, Nos

Inflammation, Chronic

Necrosis, Nos

Nephrosis, Hydro

Focal Cellular Change

Pneumonia, Chronic Murine

Inflammation, Acute

Hematopoiesis

Calcification, Metastatic

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Hemangiosarcoma

Hemorrhage

Inflammation, Chronic

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_020

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Esophagus

Kidney

Lung

Lymph node

Pancreas

Preputial gland

Skin

Stomach

Testis

Unspecified

Bronchial Lymph Node

Flank

Multiple Organs Nos

Pheochromocytoma

Hyperkeratosis

Inflammation, Chronic

Pneumonia, Chronic Murine

Lymphangiectasis

Atrophy, Nos

Carcinoma, Nos

Basal-Cell Carcinoma

Hyperkeratosis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pituitary gland

Prostate

Testis

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Hyperplasia, Focal

Inflammation, Acute

Degeneration, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Hyperplasia, C Cell

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_022

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Eye

Phthisis Bulbi

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

Stomach

Hemorrhage

Testis

Hyperplasia, Interstitial Cell

Unspecified

Flank

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_023

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Hyperplasia, Tubular Cell
		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
		Hemosiderosis
Stomach		Acanthosis
		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_024

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Stomach

Testis

Unspecified

Myocardium Nos

Abdominal Cavity

Pheochromocytoma
Thrombosis, Nos
Degeneration, Nos
Inflammation, Chronic
Focal Cellular Change
Pneumonia, Chronic Murine
Hemosiderosis
Hemorrhage
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor
Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Spleen		Hemosiderosis
Stomach		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_026

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung
Pancreas
Stomach
Testis

Pheochromocytoma
Inflammation, Chronic
Hepatitis, Toxic
Pneumonia, Chronic Murine
Inflammation, Chronic
Inflammation, Acute
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor
Leukemia, Monocytic

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_027

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
		Thrombosis, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Hemorrhage
Preputial gland		Carcinoma, Nos
Prostate		Abscess, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_028

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
		Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_029

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Phthisis Bulbi
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Stomach		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_030

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Intestine Large	Large Intestine, Colon	Parasitism
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Preputial gland		Carcinoma, Nos
Stomach		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_032

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Stomach

Testis

Myocardium Nos

Bile Duct

Angiectasis

Fibrosis

Inflammation, Chronic

Focal Cellular Change

Hyperplasia, Nos

Pneumonia, Chronic Murine

Hyperkeratosis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Inflammation, Chronic

Necrosis, Fat

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Testis

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Hyperplasia, C Cell

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Acute
Skin		Cyst, Epidermal Inclusion
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Liver	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Prostate		Abscess, Nos
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic
		Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_036

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Fibrosis
Intestine Large	Large Intestine, Colon	Parasitism
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Pneumonia, Chronic Murine
Pituitary gland		Hyperplasia, Focal
Stomach		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH -

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_037

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_038

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Preputial gland		Carcinoma, Nos
Prostate		Inflammation, Chronic
Skin		Cyst, Epidermal Inclusion
Spleen		Lymphoma, Histiocytic-Malignant Type
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_039

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Cyst, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Intestine Small

Kidney

Liver

Lung

Pancreas

Spleen

Stomach

Testis

Unspecified

Retina

Myocardium Nos

Ileum

Bile Duct

Abdominal Cavity

Pheochromocytoma

Degeneration, Nos

Fibrosis

Mucinous Adenocarcinoma

Inflammation, Chronic

Focal Cellular Change

Hyperplasia, Nos

Pneumonia, Chronic Murine

Atrophy, Focal

Hematopoiesis

Acanthosis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Fibrosis, Focal
		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thymus		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Fibrosis
		Thrombosis, Nos
Kidney		Inflammation, Chronic
Liver		Hepatitis, Toxic
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Abscess, Nos
	Bronchial Lymph Node	Hemorrhage
Preputial gland		Carcinoma, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pituitary gland

Prostate

Spleen

Stomach

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic

Inflammation, Chronic

Pneumonia, Chronic Murine

Hemorrhage

Inflammation, Acute

Hematopoiesis

Hemosiderosis

Hyperkeratosis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_046

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Cystic Ducts
		Galactocele
		Inflammation, Chronic
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Acute
Spleen		Hematopoiesis
		Hemosiderosis
Stomach		Acanthosis
		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
Thyroid		Follicular-Cell Carcinoma
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: bis(2-Chloro-1-methylethyl) ether
CAS Number: 108-60-1

Date Report Requested: 10/26/2014
Time Report Requested: 13:11:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_047

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Lung
Spleen
Stomach

Testis

Myocardium Nos

Angiectasis
Fibrosis
Inflammation, Chronic
Focal Cellular Change
Pneumonia, Chronic Murine
Hematopoiesis
Acanthosis
Hyperkeratosis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_048

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Pheochromocytoma

Eye

Retina

Degeneration, Nos

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Bile Duct

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

Pituitary gland

Chromophobe Adenoma

Prostate

Inflammation, Acute

Spleen

Hematopoiesis

Stomach

Hyperkeratosis

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Liver

Congestion, Nos

Lung

Congestion, Nos

Spleen

Hemorrhage

Thymus

Congestion, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50044A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: bis(2-Chloro-1-methylethyl) ether

CAS Number: 108-60-1

Date Report Requested: 10/26/2014

Time Report Requested: 13:11:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_050

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Skin	Foot And Toe Nos	Abscess, Nos
Stomach		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****