

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

C Number:	C54740
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma Necrosis, Nos
Preputial gland		Dilatation, Ducts
Stomach	Wall	Mineralization
Testis		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Infarct, Nos
		Nephrosis, Nos
Liver		Clear-Cell Change
Lymph node	Mesenteric Lymph Node	Hemorrhage
Preputial gland		Dilatation, Ducts
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Kidney
Liver

Cortex Nos

Hypertrophy, Focal
Thrombosis, Nos
Lymphocytic Inflammatory Infiltrate
Cytoplasmic Change, Basophilic
Cytoplasmic Vacuolization

Testis

Unspecified

Multiple Organs Nos

Mineralization

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Epididymis		Inflammation, Chronic
Kidney		Infarct, Nos
Liver		Angiectasis
		Cytoplasmic Vacuolization
		Focal Cellular Change
Lymph node	Renal Lymph Node	Dilatation, Sinus
	Mesenteric Lymph Node	Hemorrhage
Preputial gland		Abscess, Nos
Thymus		Cyst, Nos
Unspecified	Abdomen	Abscess, Nos

PRIMARY CAUSE OF DEATH

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Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Kidney

Liver
Lymph node
Nasal cavity
Preputial gland
Thymus

Mesenteric Lymph Node

Mineralization
Mineralization
Nephrosis, Nos
Clear-Cell Change
Hematopoiesis
Inflammation, Acute
Abscess, Nos
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Mineralization
Kidney	Nephrosis, Nos
Liver	Cytoplasmic Vacuolization
Nasal cavity	Inflammation, Acute
Thymus	Cyst, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Heart

Cortex Nos

Liver
Nasal cavity
Thymus

Clear-Cell Change
Mineralization
Angiectasis
Inflammation, Chronic
Cytoplasmic Vacuolization
Inflammation, Acute
Cyst, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Liver

Unspecified

Mineralization

Cytoplasmic Vacuolization

Hepatocellular Adenoma

Lymphoma, Nos-Malignant

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Clear-Cell Change Hyperplasia, Nos Cyst, Nos Infarct, Nos
Kidney		Cytoplasmic Vacuolization
Liver		Hemorrhage
Lymph node	Mesenteric Lymph Node	Mineralization
Salivary gland		

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Angiectasis
Brain		Mineralization
Kidney		Nephrosis, Nos
Liver		Hemangiosarcoma, Metastatic
		Necrosis, Nos
Spleen		Hemangiosarcoma
Testis		Mineralization
Unspecified	Multiple Organs Nos	Hematopoiesis
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Eustachian Tube	Lymphocytic Inflammatory Infiltrate
Heart	Cardiac Valve	Pigmentation, Nos
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Angiectasis
		Hematopoiesis
Stomach	Glandular Stomach	Mineralization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Hyperplasia, Nos

Liver

Clear-Cell Change

Cytoplasmic Vacuolization

Lung

Alveolar/Bronchiolar Adenoma

Histiocytosis

Lymph node

Mesenteric Lymph Node

Hyperplasia, Alveolar Epithelium

Nasal cavity

Hemorrhage

Preputial gland

Inflammation, Acute

Cyst, Nos

Prostate

Inflammation, Chronic

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Eustachian Tube	Lymphocytic Inflammatory Infiltrate
Heart		Inflammation, Acute
	Cardiac Valve	Pigmentation, Nos
Kidney		Mineralization
Liver		Clear-Cell Change
		Kupffer-Cell Sarcoma
Lung		Kupffer-Cell Sarcoma, Metastatic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Kidney
Liver

Mineralization
Cyst, Nos
Congestion, Nos
Hepatocellular Carcinoma
Inflammation, Granulomatous
Hemorrhage

Lymph node
Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Hypertrophy, Focal
Clear-Cell Change
Cytoplasmic Vacuolization
Hepatocellular Carcinoma

Lymph node
Pancreas

Mesenteric Lymph Node
Acinus

Hemorrhage
Focal Cellular Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Cyst, Nos
		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
		Hepatocytomegaly
		Thrombosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Acute
Skin		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Inflammation, Acute Necrotizing
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla

Hyperplasia, Nos
Nephrosis, Nos
Hepatocellular Carcinoma
Hepatocytomegaly

Preputial gland
Spleen
Testis

Abscess, Nos
Hemangiosarcoma
Atrophy, Nos

Unspecified

Thorax

Mineralization
Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Salivary gland		Cytoplasmic Vacuolization
Thyroid		Cyst, Follicular Nos
Unspecified	Groin	Lipoma
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Clear-Cell Change
		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Fibrosis
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
Spleen		Angiectasis
		Thrombosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule Cortex Nos	Hyperplasia, Nos Hypertrophy, Focal
Heart		Fibrosis
Kidney		Mineralization
Liver		Nephrosis, Nos Clear-Cell Change Cyst, Nos Cytoplasmic Vacuolization
Lymph node	Bronchial Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Abscess, Nos
Testis		Atrophy, Nos Mineralization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Clear-Cell Change
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Pituitary gland	Anterior Pituitary	Cyst, Nos
Testis		Mineralization
Tooth		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Atrophy, Brown
Brain		Mineralization
Kidney		Mineralization
		Nephrosis, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Acute
Pancreas	Acinus	Focal Cellular Change
Tooth		Inflammation, Acute
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Lung		Congestion, Nos
		Inflammation, Chronic
Stomach	Glandular Stomach	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Kidney
Liver
Lymph node
Pancreas
Testis

Hardarian Gland

Mesenteric Lymph Node
Acinus

Papillary Adenoma
Nephrosis, Nos
Cytoplasmic Vacuolization
Hemorrhage
Focal Cellular Change
Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Liver

Capsule

Hyperplasia, Nos
Mineralization
Abnormal Curvature
Cytoplasmic Vacuolization
Hyperplasia, Lymphoid
Inflammation, Acute
Mineralization

Lymph node
Nasal cavity
Testis

Mesenteric Lymph Node
Nasal Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Abscess, Nos
Testis		Mineralization
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Stomach	Glandular Stomach	Mineralization
Testis		Mineralization
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Liver		Cytoplasmic Vacuolization
		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Preputial gland		Inflammation, Acute/Chronic
Prostate		Hemorrhage
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Mineralization
Kidney	Infarct, Nos
	Lymphocytic Inflammatory Infiltrate
Liver	Cytoplasmic Vacuolization
Lung	Alveolar/Bronchiolar Adenoma
Parathyroid gland	Cyst, Nos
Thyroid	Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Liver
Lymph node
Trachea

Medulla

Mesenteric Lymph Node

Pheochromocytoma
Mineralization
Clear-Cell Change
Hemorrhage
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cyst, Nos
		Cytoplasmic Vacuolization
		Islet-Cell Carcinoma, Metastatic
Pancreas	Islets	Islet-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Clear-Cell Change
		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Acute
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Congestion, Nos

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Hyperplasia, Nos

Brain

Medulla

Hyperplasia, Nos

Harderian gland

Harderian Gland

Mineralization

Liver

Papillary Adenoma

Clear-Cell Change

Hepatocellular Carcinoma

Lymph node

Mesenteric Lymph Node

Necrosis, Nos

Unspecified

Hemorrhage

Inflammation, Necro Granulomatous

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Clear-Cell Change Cytoplasmic Vacuolization
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity	Nasal Gland	Inflammation, Acute
Thymus		Cyst, Nos
Thyroid		Cyst, Follicular Nos
Tooth		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Clear-Cell Change Hyperplasia, Nos
Blood vessel		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity	Nasal Gland	Inflammation, Acute
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Pigmentation, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Skin		Inflammation, Chronic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ear	Eustachian Tube	Lymphocytic Inflammatory Infiltrate
Intestine Small	Ileum, Ileum	Hyperplasia, Lymphoid
Kidney		Cyst, Nos
		Infarct, Nos
Liver		Clear-Cell Change
		Cytoplasmic Vacuolization
Pancreas	Acinus	Focal Cellular Change
Skin		Fibrosis
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Prostate
Unspecified

Multiple Organs Nos

Inflammation, Acute
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Pigmentation, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Salivary gland		Lymphocytic Inflammatory Infiltrate
Stomach	Glandular Stomach	Inflammation, Acute
Testis		Mineralization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Amyloidosis
	Medulla	Congestion, Nos
	Medulla	Hyperplasia, Nos
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Perivasculitis
Prostate		Hemorrhage
Skin	Hair Follicle	Inflammation, Acute
Spleen		Hematopoiesis
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Clear-Cell Change
Cytoplasmic Vacuolization
Hepatocellular Adenoma

Stomach

Forestomach
Forestomach

Hyperplasia, Epithelial
Inflammation, Acute/Chronic

Unspecified

Thorax

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Mineralization
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Pancreas	Acinus	Inflammation, Chronic
Preputial gland		Inflammation, Acute/Chronic
Unspecified		Abscess, Nos
	Multiple Organs Nos	Inflammation, Granulomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Brain		Mineralization
Kidney		Mineralization
Liver		Clear-Cell Change
		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytosis
Nasal cavity		Inflammation, Acute

PRIMARY CAUSE OF DEATH -

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Medulla
Cortex Nos

Hyperplasia, Nos
Hypertrophy, Focal
Lymphocytic Inflammatory Infiltrate
Cytoplasmic Vacuolization
Cyst, Nos
Growth, Alteration

Heart

Liver

Thymus

Tooth

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1
DOSE: 300.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney

Cortex Nos
Jejunum

Hypertrophy, Focal
Hyperplasia, Lymphoid
Mineralization
Nephrosis, Nos
Cytoplasmic Vacuolization
Atrophy, Nos
Lymphocytic Inflammatory Infiltrate

Liver
Salivary gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 300.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Acute
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Hematopoiesis
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Preputial gland
Testis
Unspecified

Multiple Organs Nos

Mineralization
Lymphocytic Inflammatory Infiltrate
Mineralization
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Pyelonephritis, Chronic
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Preputial gland
Spleen
Testis
Thymus
Unspecified

Multiple Organs Nos

Abscess, Nos
Hemangiosarcoma
Mineralization
Cyst, Nos
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Bone	Sternum	Mastocytosis
Brain		Mineralization
Liver		Clear-Cell Change
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Colloid
Skin		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Liver		Clear-Cell Change
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Alveolar Epithelium
Lymph node	Mesenteric Lymph Node	Inflammation, Pyogranulomatous
Skin		Hyperplasia, Epithelial
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
	Back	Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Mineralization
Liver		Clear-Cell Change
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Stomach	Forestomach	Inflammation, Acute
	Glandular Stomach	Inflammation, Acute Necrotizing
Thyroid		Cyst, Follicular Nos
Unspecified	Abdominal Cavity	Inflammation, Acute Necrotizing
	Multiple Organs Nos	Leukemoid Reaction
	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Heart	Atrium	Thrombosis, Nos
Kidney		Mineralization
Liver		Angiectasis
		Necrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Oral mucosa	Palate	Fibrosis
Preputial gland		Inflammation, Chronic
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Mineralization
Heart		Inflammation, Acute/Chronic
Liver		Cytoplasmic Change, Eosinophilic
		Hemangiosarcoma
		Hepatocytomegaly
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Focal Cellular Change
Thymus		Cyst, Nos
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Testis		Mineralization
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Liver		Clear-Cell Change
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Testis		Mineralization
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Hyperplasia, Nos

Brain

Medulla

Hyperplasia, Nos

Gall bladder

Mineralization

Kidney

Cyst, Nos

Liver

Mineralization

Lung

Hepatocellular Adenoma

Lymph node

Mesenteric Lymph Node

Alveolar/Bronchiolar Adenoma

Salivary gland

Alveolar/Bronchiolar Carcinoma

Thymus

Hemorrhage

Atrophy, Nos

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Nos
Brain		Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Skin	Back	Fibrosis
Testis		Mineralization
Unspecified	Multiple Organs Nos	Hematopoiesis
		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Mineralization
Epididymis		Granuloma, Spermatic
Kidney		Lymphocytic Inflammatory Infiltrate
		Nephrosis, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
	Acinus	Focal Cellular Change
Salivary gland		Atrophy, Nos
Stomach	Forestomach	Inflammation, Acute
	Glandular Stomach	Mineralization
Thymus		Cyst, Nos
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain

Medulla

Hyperplasia, Nos
Cytoplasmic Vacuolization
Mineralization

Lung
Lymph node
Pancreas
Thyroid
Unspecified

Mesenteric Lymph Node
Acinus

Hyperplasia, Alveolar Epithelium
Hematopoiesis
Focal Cellular Change
Cyst, Follicular Nos
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Preputial gland		Abscess, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Atrophy, Brown
Brain		Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Clear-Cell Change
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Medulla
Cortex Nos

Atrophy, Brown
Hyperplasia, Nos
Hypertrophy, Focal
Inflammation, Acute/Chronic
Mineralization
Cytoplasmic Vacuolization
Hyperplasia, Alveolar Epithelium
Hyperplasia, Lymphoid

Heart
Kidney
Liver
Lung
Lymph node

Mediastinal Lymph Node

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Testis		Mineralization
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Adenoma, Nos
	Cortex Nos	Atrophy, Brown
Ear	Eustachian Tube	Inflammation, Acute
Kidney		Cyst, Nos
	Tubule	Cytoplasmic Vacuolization
		Mineralization
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Nasal cavity		Inflammation, Acute
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cyst, Nos
	Cortex Nos	Hypertrophy, Focal
Brain		Mineralization
Heart	Cardiac Valve	Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Atrophy, Nos
Testis		Mineralization
Unspecified	Multiple Organs Nos	Hematopoiesis
		Sarcoma, Nos
	Multiple Organs Nos	Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Cytoplasmic Vacuolization
Kidney		Lymphocytic Inflammatory Infiltrate
		Mineralization
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Focal Cellular Change
Testis		Mineralization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Perirenal Tissue	Granuloma, Nos
Liver		Clear-Cell Change
Lung		Alveolar/Bronchiolar Adenoma
Testis		Mineralization
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Acute
Preputial gland		Abscess, Nos
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Clear-Cell Change
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hemorrhage
Salivary gland		Mineralization
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Preputial gland
Testis
Thyroid

Mesenteric Lymph Node

Hemorrhage
Abscess, Nos
Mineralization
Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule
Cortex Nos

Hyperplasia, Nos
Hypertrophy, Focal
Clear-Cell Change
Cytoplasmic Vacuolization

Liver

Aspiration, Nos

Lung

Lymph node

Mesenteric Lymph Node

Hemorrhage

Unspecified

Granuloma, Nos

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney
Liver

Medulla

Hyperplasia, Focal
Mineralization
Nephrosis, Nos
Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Clear-Cell Change
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Clear-Cell Change
Ear	Eustachian Tube	Lymphocytic Inflammatory Infiltrate
Liver		Clear-Cell Change
		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Salivary gland		Lymphocytic Inflammatory Infiltrate
Testis		Mineralization
Thymus		Cyst, Nos
Unspecified	Back	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Acute
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Inflammation, Acute
Unspecified	Groin	Abscess, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Liver
Lymph node
Pancreas
Unspecified

Capsule
Mesenteric Lymph Node
Multiple Organs Nos

Adenoma, Nos
Cytoplasmic Vacuolization
Hemorrhage
Dilatation, Ducts
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Hyperplasia, Nos

Brain

Mineralization

Heart

Cardiac Valve

Pigmentation, Nos

Liver

Cytoplasmic Vacuolization

Hemangiosarcoma

Hepatocellular Adenoma

Lymph node

Mesenteric Lymph Node

Hemorrhage

Spleen

Hematopoiesis

Testis

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Mineralization
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Prostate		Hemorrhage
Thymus		Lymphoma, Lymphocytic-Malignant Type
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lymph node

Mesenteric Lymph Node

Nephrosis, Nos
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Mineralization
Liver		Necrosis, Nos
Preputial gland		Inflammation, Chronic
Skin	Tail	Squamous Cell Papilloma
Testis		Angiectasis
		Atrophy, Nos
Unspecified	Thorax	Myxosarcoma
	Multiple Organs Nos	Myxosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ear	Eustachian Tube	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Skin		Inflammation, Chronic
Thymus		Cyst, Multiple
Thyroid		Cyst, Follicular Nos
Tooth		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Cyst, Nos
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
Lymph node	Mediastinal Lymph Node	Edema, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Medulla

Pheochromocytoma
Bile Duct Carcinoma
Hepatocellular Carcinoma
Bile Duct Carcinoma, Metastatic

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Heart		Mineralization
Testis		Mineralization
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Infarct, Nos Nephrosis, Nos
Liver		Cytoplasmic Vacuolization Hematopoiesis
Lung		Histiocytosis Inflammation, Acute/Chronic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Tooth		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Kidney

Liver

Mineralization
Mineralization
Nephrosis, Nos
Clear-Cell Change
Cytoplasmic Change, Basophilic
Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Capsule

Hyperplasia, Nos
Nephrosis, Nos
Clear-Cell Change
Cytoplasmic Vacuolization
Hemorrhage
Mineralization

Lymph node
Testis

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 150.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Hyperplasia, Nos

Kidney

Medulla

Hyperplasia, Nos

Liver

Lymphocytic Inflammatory Infiltrate

Clear-Cell Change

Lymph node

Mesenteric Lymph Node

Cytoplasmic Vacuolization

Stomach

Forestomach

Hemorrhage

Inflammation, Acute/Chronic

Testis

Forestomach

Squamous Cell Papilloma

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Nephrosis, Nos
Liver	Clear-Cell Change
	Hepatocellular Adenoma
	Hepatocellular Carcinoma
Lung	Congestion, Nos
Testis	Mineralization

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Capsule	Atrophy, Brown Hyperplasia, Focal Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Kidney		Cytoplasmic Vacuolization
Liver		
Pancreas	Acinus	Atrophy, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos Mineralization
Thyroid		Cyst, Follicular Nos
Tooth		Inflammation, Acute
Unspecified	Multiple Organs Nos Multiple Organs Nos	Congestion, Nos Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Thymus		Cyst, Nos
Unspecified	Back	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 150.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
		Necrosis, Coagulative
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Skin	Back	Fibroma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lung		Histiocytosis
		Mineralization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	
Kidney	
Liver	
Lymph node	Mesenteric Lymph Node
Pancreas	Acinus
Thyroid	

Mineralization
Cyst, Nos
Clear-Cell Change
Hemorrhage
Atrophy, Nos
Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Lung
Preputial gland
Testis
Unspecified

Medulla
Mesentery Nos

Multiple Organs Nos

Hyperplasia, Nos
Abscess, Nos
Alveolar/Bronchiolar Adenoma
Inflammation, Chronic
Mineralization
Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Mineralization
Liver		Clear-Cell Change
		Cytoplasmic Vacuolization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Liver		Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Acute
Testis		Necrosis, Fat
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Mineralization
Liver		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Atrophy, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Brain		Mineralization
Intestine Small	Ileum, Ileum	Inflammation, Acute/Chronic
Liver		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Atrophy, Brown
Mineralization
Nephrosis, Nos
Cytoplasmic Vacuolization
Hemorrhage
Atrophy, Nos
Mineralization

Liver
Lymph node
Salivary gland
Testis

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Liver

Cortex Nos

Clear-Cell Change
Mineralization
Clear-Cell Change
Cytoplasmic Vacuolization
Hepatocellular Adenoma
Alveolar/Bronchiolar Adenoma
Hemorrhage
Mineralization
Cyst, Follicular Nos

Lung
Lymph node
Testis
Thyroid

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Lymph node
Pancreas
Thymus

Mesenteric Lymph Node
Acinus

Cortical Adenoma
Mineralization
Cytoplasmic Change, Basophilic
Cytoplasmic Vacuolization
Hemorrhage
Focal Cellular Change
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney		Mineralization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Lymphocytic Inflammatory Infiltrate
Stomach	Forestomach	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Ectopia
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mesenteric Lymph Node	Hemorrhage
Testis		Mineralization
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla

Liver

Hyperplasia, Nos
Mineralization
Nephrosis, Nos
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hemorrhage
Mineralization

Prostate
Testis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Liver		Clear-Cell Change
		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Preputial gland		Abscess, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Skin
Thymus

Capsule
Lip Nos

Hyperplasia, Nos
Inflammation, Acute/Chronic
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Skin		Inflammation, Chronic
Testis		Mineralization
Thymus		Cyst, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Back	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Ear	Eustachian Tube	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Testis		Mineralization
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH -

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Unspecified	Back	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Thyroid		Cyst, Follicular Nos
		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Preputial gland

Dilatation, Ducts
Inflammation, Acute/Chronic

Spleen

Congestion, Nos

Thyroid

Hemangioma
Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Lymphocytic Inflammatory Infiltrate
	Nephrosis, Nos
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Prostate	Hemorrhage
Spleen	Hematopoiesis
Testis	Mineralization

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Mineralization
Liver		Clear-Cell Change
		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Stomach	Forestomach	Hyperplasia, Epithelial
		Inflammation, Acute/Chronic
Testis		Mineralization
Thyroid		Cyst, Follicular Nos
		Hyperplasia, Follicular Cell
		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Spleen

Testis

Unspecified

Abdomen

Hematopoiesis

Mineralization

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lymph node
Preputial gland
Salivary gland
Thyroid

Cortex Nos

Mesenteric Lymph Node

Hypertrophy, Focal
Lymphocytic Inflammatory Infiltrate
Hemorrhage
Inflammation, Acute/Chronic
Mineralization
Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Cyst, Nos
Metaplasia, Osseous
Nephrosis, Nos
Clear-Cell Change
Cytoplasmic Vacuolization
Lymphocytic Inflammatory Infiltrate
Mineralization

Liver

Lymph node
Preputial gland

Mesenteric Lymph Node

Hemorrhage
Dilatation, Nos
Inflammation, Acute/Chronic
Mastocytosis

Unspecified

Head

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
		Necrosis, Coagulative
Pituitary gland	Anterior Pituitary	Congestion, Nos
Preputial gland		Abscess, Nos
Prostate		Hemorrhage
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Acute
Salivary gland		Atrophy, Nos
Testis		Mineralization
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Cortex Nos

Cortical Adenoma
Hyperplasia, Focal
Hypertrophy, Focal
Lymphocytic Inflammatory Infiltrate
Hemorrhage
Mineralization

Kidney

Lymph node

Salivary gland

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Cortex Nos

Clear-Cell Change
Mineralization
Clear-Cell Change
Cytoplasmic Vacuolization
Hepatocellular Adenoma
Hemorrhage
Cyst, Follicular Nos

Lymph node
Thyroid

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney		Nephrosis, Nos
Lung		Hemorrhage
Pituitary gland	Anterior Pituitary	Hyperplasia, Chromophobe Cell
Stomach	Fundal Gland	Dilatation, Nos
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Lymphocytic Inflammatory Infiltrate
	Mineralization
Liver	Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lymph node
Unspecified

Cortex Nos

Mesenteric Lymph Node

Clear-Cell Change
Lymphocytic Inflammatory Infiltrate
Cytoplasmic Vacuolization
Hemorrhage
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Eye		Collapse
Kidney		Infarct, Nos
Liver		Hepatocytomegaly
Lung		Alveolar/Bronchiolar Adenoma
		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Skin	Sebaceous Gland	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Liver

Cortex Nos

Hypertrophy, Focal
Inflammation, Pyogranulomatous
Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Inflammation, Chronic
Kidney		Nephrosis, Nos
Liver		Clear-Cell Change
Lymph node	Mesenteric Lymph Node	Hemorrhage
Testis		Mineralization
Unspecified	Thorax	Fibrosarcoma
	Multiple Organs Nos	Fibrosarcoma, Invasive

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Lymph node

Salivary gland

Cortex Nos

Mesenteric Lymph Node
Mesenteric Lymph Node

Clear-Cell Change
Cytoplasmic Vacuolization
Angiectasis
Hyperplasia, Lymphoid
Dilatation, Ducts

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney
Liver
Lymph node
Thyroid

Capsule

Mesenteric Lymph Node

Hyperplasia, Nos
Mineralization
Metaplasia, Osseous
Cytoplasmic Vacuolization
Hemorrhage
Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Kidney		Lymphocytic Inflammatory Infiltrate
		Nephrosis, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Abscess, Nos
Skin		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Kupffer-Cell Sarcoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Amyloidosis
Liver		Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Acute
Testis		Mineralization
Thymus		Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Skin

Medulla

Hyperplasia, Nos
Nephrosis, Nos
Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Kidney
Salivary gland
Unspecified
Urinary bladder

Multiple Organs Nos

Mineralization
Mineralization
Mineralization
Necrosis, Nos
Dilatation, Nos
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Penis	Prepuce Nos	Dilatation, Nos
	Prepuce Nos	Inflammation, Acute/Chronic
Testis		Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Nephrosis, Hydro
		Pyelonephritis, Nos
Preputial gland		Dilatation, Nos
		Inflammation, Chronic
Prostate	Coagulating Gland	Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Abscess, Nos
	Multiple Organs Nos	Infection, Bacterial
	Multiple Organs Nos	Necrosis, Nos
Urinary bladder		Calculus, Gross Observation Only
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ear	Eustachian Tube	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
Lymph node	Mandibular Lymph Node	Mastocytosis
Preputial gland		Abscess, Nos
Testis		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Epididymis		Granuloma, Spermatic
Heart	Cardiac Valve	Pigmentation, Nos
Kidney		Mineralization
		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Testis		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54740
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl morpholinophosphoramidate
CAS Number: 597-25-1

Date Report Requested: 10/26/2014
Time Report Requested: 17:06:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Testis		Atrophy, Nos
		Mineralization
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****