

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

C Number: C03076

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_501

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Peritoneum

Spleen

Testis

Convolutated Tubules

Pheochromocytoma

Pigmentation, Nos

Alveolar Macrophages

Pneumonia, Chronic Murine

Mesothelioma, Nos

Erythropoiesis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_502

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchopneumonia Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_503

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Eye

Lung

Testis

Bronchus

Thyroid

Unspecified

Multiple Organs Nos

Multiple Organs Nos

Pheochromocytoma

Hyperplasia, Hematopoietic

Cataract

Bronchiectasis

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Hyperplasia, C Cell

Leukemia, Granulocytic

Sarcoma, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_504

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_505

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Calcification, Focal
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_506

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Focal
Peritoneum		Mesothelioma, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_507

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Granuloma, Nos Hyperplasia, Lymphoid
Pancreas	Duct Nos	Pneumonia, Chronic Murine Hyperplasia, Focal
Spleen		Hematopoiesis Hemosiderosis
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Cystic Follicles Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_508

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Brain	Meninges	Squamous Cell Carcinoma, Metastatic Squamous Cell Carcinoma, Metastatic
Eye		Inflammation, Nos
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid Squamous Cell Carcinoma, Metastatic
Spleen		Hematopoiesis Hemosiderosis
Testis		Atrophy, Nos
	Tubule	Calcification, Focal Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma Hyperplasia, C Cell
Trachea		Inflammation, Nos
Unspecified	Face	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_509

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_510

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Periarteritis

Kidney

Inflammation, Chronic Focal

Liver

Bile Duct

Hyperplasia, Focal

Lung

Bronchus

Hyperplasia, Lymphoid

Inflammation, Granulomatous

Spleen

Hematopoiesis

Hemosiderosis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Trachea

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_511

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Hyperplasia, Lymphoid
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_512

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Peritoneum

Testis

Convoluted Tubules

Centrilobular

Pheochromocytoma

Pigmentation, Nos

Metamorphosis, Fatty

Mesothelioma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_513

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Focal
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_514

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cornea

Cataract

Inflammation, Interstitial

Perivasculitis

Kidney

Inflammation, Chronic Focal

Liver

Bile Duct

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Spleen

Hematopoiesis

Hemosiderosis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Cystic Follicles

Trachea

Hyperplasia, Follicular Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_515

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_516

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Duct Nos	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Urinary bladder		Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_517

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Alveolar/Bronchiolar Carcinoma
		Hyperplasia, Focal
		Pneumonia, Chronic Murine
Lymph node	Mediastinal Lymph Node	Alveolar/Bronchiolar Carcinoma, Metastatic
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hemosiderosis
		Hyperplasia, Reticulum Cell
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified		Basal-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_518

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Eye

Kidney

Liver

Bile Duct

Lung

Pituitary gland

Spleen

Testis

Hyperplasia, Hematopoietic

Cataract

Inflammation, Chronic

Hyperplasia, Focal

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Chromophobe Adenoma

Hematopoiesis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_519

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Hematopoietic

Kidney

Inflammation, Chronic Focal

Lung

Bronchus

Bronchiectasis

Spleen

Inflammation, Suppurative

Unspecified

Multiple Organs Nos

Hematopoiesis

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_520

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_521

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_522

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Convoluted Tubules

Pigmentation, Nos

Liver

Centrilobular

Metamorphosis, Fatty

Lung

Pneumonia, Chronic Murine

Spleen

Hematopoiesis

Testis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_523

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Bronchopneumonia Acute Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_524

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Squamous Cell Carcinoma
Eye		Hemorrhage
	Cornea	Inflammation, Interstitial
	Cornea	Ulcer, Nos
Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Hemosiderosis
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_525

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ear	Middle Ear	Inflammation, Nos
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_526

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Hyperplasia, Focal

Pheochromocytoma

Heart

Myocardium Nos

Fibrosis, Focal

Intestine Small

Mesentery Nos

Fibrosis

Kidney

Inflammation, Chronic Diffuse

Inflammation, Chronic Focal

Liver

Bile Duct

Hyperplasia, Focal

Hyperplasia, Reticulum Cell

Lung

Bronchus

Hyperplasia, Lymphoid

Preputial gland

Adenoma, Nos

Inflammation, Suppurative

Spleen

Hematopoiesis

Hemosiderosis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Trachea

Inflammation, Nos

Unspecified

Adipose Tissue

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_527

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_528

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Lung

Pancreas

Spleen

Thyroid

Trachea

Myocardium Nos

Hepatic Sinusoid

Islets

Hyperplasia, Hematopoietic

Fibrosis, Focal

Hemangioma

Inflammation, Chronic Focal

Congestion, Nos

Pneumonia, Chronic Murine

Islet-Cell Adenoma

Hematopoiesis

Hemosiderosis

C-Cell Adenoma

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_529

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_530

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Bronchus	Hyperplasia, Lymphoid
Spleen	Duct Nos	Hyperplasia, Focal Hematopoiesis Hemosiderosis
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_531

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Nos
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_532

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic Focal
Lung		Pneumonia, Chronic Murine
Pancreas		Periarteritis
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_533

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_534

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Reticulum Cell
		Metamorphosis, Fatty
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_535

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_536

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
		Lymphoma, Histiocytic-Malignant Type
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_537

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Spinal cord

Testis

Thyroid

Unspecified

Multiple Organs Nos

Hyperplasia, Hematopoietic

Malacia

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_538

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal Pheochromocytoma
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct Centrilobular	Hyperplasia, Focal Necrosis, Nos
Lung		Inflammation, Granulomatous Focal Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Angiectasis Chromophobe Adenoma
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis Hemosiderosis Leukemoid Reaction
Testis		Atrophy, Nos
Unspecified		Mesenchymoma, Benign

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_539

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Suppurative
		Necrosis, Nos
Skeletal muscle		Lipoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_540

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Reticulum Cell
Lung		C-Cell Carcinoma, Metastatic
	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_541

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Eye		Cataract
Heart	Myocardium Nos	Calcification, Dystrophic
	Myocardium Nos	Fibrosis, Focal
	Myocardium Nos	Inflammation, Interstitial
Kidney		Calcification, Nos
		Sclerosis
Liver	Centrilobular	Necrosis, Coagulative
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Skin		Basal-Cell Carcinoma
Spleen		Hematopoiesis
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_542

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
Lung		Congestion, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Aspermatogenesis
		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_543

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_544

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Pancreas

Islets

Islet-Cell Adenoma

Spleen

Hematopoiesis

Testis

Atrophy, Nos

Trachea

Interstitial-Cell Tumor

Unspecified

Hyperplasia, Lymphoid

Inflammation, Chronic

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_545

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Lung
Pituitary gland
Prostate
Spleen

Testis

Thyroid
Trachea

Medulla
Colon

Bile Duct

Hyperplasia, Nos
Nematodiasis
Inflammation, Chronic
Hyperplasia, Focal
Alveolar Macrophages
Carcinoma, Nos
Inflammation, Suppurative
Hematopoiesis
Hemosiderosis
Atrophy, Nos
Interstitial-Cell Tumor
C-Cell Carcinoma
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_546

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Kidney

Liver

Pancreas

Testis

Thyroid

Unspecified

Bile Duct

Multiple Organs Nos

Hypoplasia, Erythroid

Inflammation, Chronic Focal

Hyperplasia, Focal

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_547

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney	Cortex	Cast, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic
Urinary bladder	Submucosa	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_548

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Skin		Squamous Cell Papilloma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_549

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney	Capsule	Cyst, Nos
		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Skin		Basal-Cell Carcinoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_550

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 425.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 3-Nitropropionic acid
CAS Number: 504-88-1

Date Report Requested: 10/26/2014
Time Report Requested: 14:25:20
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_601

TRT#: 2
DOSE: 850.0 UG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Diffuse
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Lymphoma, Undifferentiated-Malignant Type
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
		Pigmentation, Nos
Trachea		Inflammation, Nos
Unspecified		Lipoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_602

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Lung

Testis

Thyroid

Trachea

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Hyperplasia, Hematopoietic

Fibrosis, Focal

Inflammation, Chronic Focal

Hyperplasia, Focal

Pneumonia, Chronic Murine

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Hyperplasia, Follicular Cell

Inflammation, Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 3-Nitropropionic acid
CAS Number: 504-88-1

Date Report Requested: 10/26/2014
Time Report Requested: 14:25:20
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_603

TRT#: 2
DOSE: 850.0 UG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Preputial gland		Adenoma, Nos
		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hypertrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_604

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney	Cortex	Cyst, Nos
		Inflammation, Chronic
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_605

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Astrocytoma
	Cerebrum	Astrocytoma
Kidney		Inflammation, Chronic
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_606

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver		Metamorphosis, Fatty
Lung		Alveolar Macrophages
	Bronchus	Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_607

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney	Pelvis	Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Diffuse
Pancreas	Duct Nos	Hyperplasia, Nos
	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Suppurative
Skeletal muscle	Hip/Thigh	Atrophy, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_608

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_609

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Spleen

Testis

Centrilobular

Inflammation, Chronic

Angiectasis

Hemorrhage

Metamorphosis, Fatty

Necrosis, Focal

Alveolar/Bronchiolar Carcinoma

Hematopoiesis

Hemosiderosis

Aspermatogenesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_610

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Skin

Spleen

Testis

Thyroid

Trachea

Unspecified

Myocardium Nos

Bile Duct

Bronchus

Pheochromocytoma

Fibrosis, Focal

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Acanthosis

Hyperkeratosis

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

Cyst, Epidermal Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_611

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_612

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
	Bile Duct	Inflammation, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_613

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Bone marrow

Hyperplasia, Focal

Kidney

Hyperplasia, Hematopoietic

Liver

Bile Duct

Inflammation, Chronic

Hyperplasia, Focal

Hyperplasia, Reticulum Cell

Neoplastic Nodule

Lung

Bronchus

Hyperplasia, Lymphoid

Skin

Cyst, Epidermal Inclusion

Spleen

Hematopoiesis

Hemosiderosis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_614

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Peyers Patch

Hyperplasia, Lymphoid
Inflammation, Chronic
Focal Cellular Change

Bile Duct

Hyperplasia, Focal
Hyperplasia, Reticulum Cell

Lung

Bronchus

Hyperplasia, Lymphoid
Pneumonia, Chronic Murine

Pituitary gland

Angiectasis

Prostate

Hyperplasia, Focal

Spleen

Inflammation, Focal

Testis

Hematopoiesis

Hemosiderosis

Thyroid

Atrophy, Nos

Trachea

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_615

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus		Perforation, Inflammatory
Heart	Myocardium Nos	Inflammation, Interstitial
Liver		Metamorphosis, Fatty
Lung		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_616

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lung	Bronchus	Bronchiectasis
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Urinary bladder		Inflammation, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_617

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
Unspecified	Diaphragm Nos	Hernia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_618

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Testis

Pneumonia, Chronic Murine

Aspermatogenesis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_619

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Eye		Cataract
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Prostate		Inflammation, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_620

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Carcinoma
	Bronchus	Hyperplasia, Lymphoid
Lymph node	Submandibular Lymph Node	Lymphangiectasis
Preputial gland		Inflammation, Suppurative
		Necrosis, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_621

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Lung

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Cortical Carcinoma

Cataract

Degeneration, Nos

Inflammation, Chronic

Hyperplasia, Focal

Cortical Carcinoma, Metastatic

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_622

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Pancreas

Pituitary gland

Prostate

Spleen

Testis

Thyroid

Trachea

Bile Duct

Bronchus

Islets

Angiectasis

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Islet-Cell Adenoma

Angiectasis

Chromophobe Adenoma

Inflammation, Focal

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_623

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye		Cataract
Heart		Fibrosis, Diffuse
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Skeletal muscle		Atrophy, Nos
Spinal cord		Degeneration, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Aspermatogenesis
		Atrophy, Focal
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_624

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Reticulum Cell
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
	Follicle	Pigmentation, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_625

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Mesentery Nos	Fibrosis
	Mesentery Nos	Inflammation, Nos
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Reticulum Cell
Lung	Bronchus	Hyperplasia, Lymphoid
Oral mucosa	Mouth Nos	Abscess, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_626

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Testis

Unspecified

Myocardium Nos

Centrilobular

Multiple Organs Nos

Hyperplasia, Hematopoietic

Inflammation, Interstitial

Inflammation, Chronic Focal

Metamorphosis, Fatty

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_627

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye		Cataract
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Liver	Hepatic Sinusoid	Congestion, Nos
Lung	Bronchus	Hyperplasia, Lymphoid
		Pneumonia, Chronic Murine
Lymph node	Bronchial Lymph Node	Lymphangiectasis
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_628

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_629

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
		Pneumonia, Chronic Murine
Preputial gland		Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_630

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Heart
Intestine Large
Kidney
Liver

Lung
Prostate
Spleen

Testis

Trachea

Myocardium Nos
Colon

Bile Duct

Angiectasis
Hyperplasia, Hematopoietic
Fibrosis, Focal
Nematodiasis
Inflammation, Chronic
Focal Cellular Change
Hyperplasia, Focal
Pneumonia, Chronic Murine
Inflammation, Focal
Hematopoiesis
Hemosiderosis
Atrophy, Nos
Interstitial-Cell Tumor
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_631

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Kidney	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung	Bronchus	Hyperplasia, Lymphoid
Preputial gland		Adenoma, Nos
		Inflammation, Suppurative
Salivary gland		Edema, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_632

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Spleen

Testis

Myocardium Nos

Hepatic Sinusoid

Bile Duct

Alveoli

Islets

Pheochromocytoma

Inflammation, Interstitial

Inflammation, Chronic Focal

Congestion, Nos

Hyperplasia, Focal

Congestion, Nos

Inflammation, Acute Suppurative

Islet-Cell Adenoma

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_633

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_634

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
	Mediastinum Nos	Thrombosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_635

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Metamorphosis, Fatty
Mammary gland		Galactocele
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Chromophobe Adenoma
		Hemorrhage
Spleen		Congestion, Nos
		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Focal
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Hyperplasia, Lymphoid
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_636

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Fibrosis, Focal
Kidney	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Necrosis, Coagulative
		Neoplastic Nodule
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas		Edema, Nos
	Duct Nos	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_637

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Brain	Stem	Hemorrhage
	Stem	Malacia
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Spinal cord		Hemorrhage
		Malacia
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Urinary bladder		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_638

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye

Anemia, Nos

Cataract

Heart

Myocardium Nos

Hemosiderosis

Kidney

Cortex

Fibrosis, Focal

Liver

Hepatic Sinusoid

Pigmentation, Nos

Lung

Bile Duct

Congestion, Nos

Pancreas

Bronchus

Hyperplasia, Focal

Skin

Islets

Inflammation, Suppurative

Spleen

Islet-Cell Adenoma

Basal-Cell Carcinoma

Testis

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_639

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Pancreas

Islets

Islet-Cell Adenoma

Testis

Interstitial-Cell Tumor

Thyroid

Follicular-Cell Carcinoma

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_640

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Intestine Small
Kidney
Liver

Lung
Preputial gland

Spleen

Testis

Thyroid

Medulla
Myocardium Nos
Colon
Peyers Patch

Bile Duct

Hyperplasia, Focal
Fibrosis, Focal
Nematodiasis
Hyperplasia, Lymphoid
Inflammation, Chronic Focal
Focal Cellular Change
Hyperplasia, Focal
Pneumonia, Chronic Murine
Adenoma, Nos
Inflammation, Suppurative
Hematopoiesis
Hemosiderosis
Atrophy, Nos
Interstitial-Cell Tumor
Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_641

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Scar
Kidney		Cast, Nos
Liver	Bile Duct	Hyperplasia, Focal
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_642

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney	Convolutated Tubules	Degeneration, Hyaline
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Lung		Alveolar/Bronchiolar Carcinoma
		Pneumonia, Chronic Murine
Pancreas	Duct Nos	Hyperplasia, Focal
Preputial gland		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Lymphangiectasis
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_643

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_644

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Testis

Thyroid

Unspecified

Myocardium Nos

Cortex

Multiple Organs Nos

Multiple Organs Nos

Hyperplasia, Hematopoietic

Fibrosis, Focal

Pigmentation, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Jaundice, Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_645

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Skin		Trichoepithelioma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_646

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Spleen

Testis

Hepatic Sinusoid

Bile Duct

Islets

Angiectasis

Congestion, Nos

Congestion, Nos

Hyperplasia, Focal

Islet-Cell Adenoma

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_647

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Bronchiectasis
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_648

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Pituitary gland

Spleen

Testis

Unspecified

Multiple Organs Nos

Hyperplasia, Erythroid

Hemosiderosis

Erythropoiesis

Interstitial-Cell Tumor

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_649

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_650

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 850.0 UG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule Convolutated Tubules	Cast, Nos Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung	Alveoli	Alveolar Macrophages Edema, Nos Necrosis, Focal
Spleen		Congestion, Nos Hematopoiesis
Testis		Atrophy, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_401

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis
	Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_402

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Bile Duct Adenoma
		Fibrosis, Focal
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_403

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Fibrosis

Lung

Hepatocellular Carcinoma

Peritoneum

Hepatocellular Carcinoma, Metastatic

Hemoperitoneum

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_404

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis
		Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_405

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_406

TRT#: 3
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Fibrosis, Focal Hepatocellular Carcinoma
Lung	Bile Duct Alveoli	Hyperplasia, Nos Hemorrhage Hepatocellular Carcinoma, Metastatic
Pancreas		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_407

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Hyaline
Liver		Fibrosis, Focal
		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_408

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Inflammation, Chronic Focal

Bile Duct Adenoma

Bile Duct Carcinoma

Hematopoiesis

Hepatocellular Carcinoma

Necrosis, Focal

Hematopoiesis

Spleen

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_409

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Liver

Bile Duct Adenoma

Fibrosis

Lung

Hepatocellular Carcinoma

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_410

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_411

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_412

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Fibrosis, Focal
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
		Necrosis, Nos
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_413

TRT#: 3
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Fibrosis, Cholangio Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos Necrosis, Focal
Lung	Alveoli	Congestion, Nos
Unspecified	Multiple Organs Nos	Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_414

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Liver		Bile Duct Adenoma
		Fibrosis, Focal
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
Lung		Hepatocellular Carcinoma, Metastatic
	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_415

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_416

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_417

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_418

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Fibrosis, Focal
	Bile Duct	Hepatocellular Carcinoma
		Hyperplasia, Focal
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Peritoneum	Peritoneal Cavity Nos	Hemoperitoneum
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_419

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Fibrosis, Focal
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_420

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
	Inflammation, Chronic
Spleen	Hematopoiesis
Trachea	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_421

TRT#: 3
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
		Necrosis, Focal
Lung	Alveoli	Edema, Nos
		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_422

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Bile Duct Adenoma

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_423

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_424

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic Focal

Liver

Bile Duct Adenoma

Hematopoiesis

Hepatocellular Carcinoma

Necrosis, Focal

Spleen

Hematopoiesis

Trachea

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_425

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung	Alveoli	Congestion, Nos
	Alveoli	Edema, Nos
		Hemorrhage
		Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_426

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Hyaline
	Cortex	Lymphocytic Inflammatory Infiltrate
	Cortex	Scar
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_427

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Heart	Epicardium	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic Focal
Liver		Hematopoiesis
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_428

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
		Necrosis, Focal
Lung	Alveoli	Hemorrhage
		Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_429

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_430

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hematopoiesis
	Bile Duct	Hepatocellular Carcinoma
		Hyperplasia, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis
Unspecified	Abdominal Wall Nos	Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_431

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis
Testis	Atrophy, Nos
	Interstitial-Cell Tumor
Trachea	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_432

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Peritoneum		Hemoperitoneum
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_433

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_434

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Inflammation, Chronic Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_435

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Hyaline
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_436

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mediastinal Lymph Node	Congestion, Nos
Spleen		Hematopoiesis
		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_437

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Bile Duct Adenoma Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_438

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Cast, Nos
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_439

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Liver

Fibrosis

Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Lung

Hepatocellular Carcinoma, Metastatic

Spleen

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_440

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Liver

Fibrosis

Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Lung

Hepatocellular Carcinoma, Metastatic

Spleen

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_441

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Peritoneum	Peritoneal Cavity Nos	Hemoperitoneum
Spleen		Hematopoiesis
		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_442

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Prostate	Hyperplasia, Papillary
Spleen	Hematopoiesis
Trachea	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_443

TRT#: 3
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Fibrosis, Focal
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_444

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Bile Duct Adenoma
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Peritoneum	Peritoneal Cavity Nos	Hemoperitoneum
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_445

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Hepatocellular Carcinoma, Metastatic
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_446

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_447

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Bile Duct Adenoma Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_448

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Fibrosis, Focal
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_449

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
		Inflammation, Suppurative
Stomach	Cardiac Stomach	Ulcer, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_450

TRT#: 3

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Fibrosis
	Bile Duct	Hepatocellular Carcinoma
		Hyperplasia, Nos
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_001

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Lung	Bronchus	Bronchiectasis
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_002

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Spleen

Testis

Thyroid

Inflammation, Chronic Focal

Pneumonia, Chronic Murine

Hematopoiesis

Hemosiderosis

Atrophy, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Aspermatogenesis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nodular

Kidney

Inflammation, Chronic Focal

Preputial gland

Adenoma, Nos

Testis

Atrophy, Nos

Trachea

Interstitial-Cell Tumor

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_005

TRT#: 4

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_006

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye		Cataract
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Focal
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_007

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Cataract

Intestine Small

Mesentery Nos

Degeneration, Nos

Kidney

Necrosis, Fat

Lung

Inflammation, Chronic Focal

Pancreas

Bronchus

Hyperplasia, Lymphoid

Spleen

Periarteritis

Testis

Congestion, Nos

Thyroid

Atrophy, Focal

Trachea

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Alveoli

Pancreas

Islets

Testis

Trachea

Pheochromocytoma

Inflammation, Chronic

Hemorrhage

Pneumonia, Chronic Murine

Islet-Cell Adenoma

Interstitial-Cell Tumor

Hyperplasia, Lymphoid

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_009

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nodular

Kidney

Inflammation, Chronic Focal

Mammary gland

Fibroadenoma

Spleen

Hematopoiesis

Testis

Hemosiderosis

Atrophy, Focal

Thyroid

Interstitial-Cell Tumor

Trachea

Hyperplasia, C Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_010

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Cast, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
		Pneumonia, Chronic Murine
Lymph node		Hemosiderosis
Spleen		Leukemoid Reaction
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Midbrain Nos	Astrocytoma
	Midbrain Nos	Malacia
Kidney		Inflammation, Chronic
Liver		Phagocytic Cell
Lung		Atelectasis
Spleen		Hemosiderosis
Testis		Aspermatogenesis
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Lung

Spleen

Testis

Thyroid

Trachea

Unspecified

Bronchus

Pheochromocytoma

Cataract

Inflammation, Chronic

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Oral mucosa	Palate Nos	Squamous Cell Carcinoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_014

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Alveolar Macrophages
Peritoneum		Mesothelioma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Nos

Liver

Centrilobular

Metamorphosis, Fatty

Lung

Bronchus

Bronchiectasis

Testis

Bronchus

Hyperplasia, Lymphoid

Aspermatogenesis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Erythroid

Kidney

Hyperplasia, Hematopoietic

Liver

Inflammation, Chronic

Pituitary gland

Bile Duct

Hyperplasia, Nos

Spleen

Hemorrhage

Testis

Hematopoiesis

Aspermatogenesis

Atrophy, Nos

Tubule

Calcification, Nos

Interstitial-Cell Tumor

Trachea

Hyperplasia, Lymphoid

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_017

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Nasal cavity
Preputial gland
Spleen

Peyers Patch

Testis

Thyroid
Trachea

Hyperplasia, Lymphoid
Inflammation, Chronic Focal
Inflammation, Chronic
Inflammation, Suppurative
Hematopoiesis
Hemosiderosis
Atrophy, Focal
Interstitial-Cell Tumor
Hyperplasia, C Cell
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		C-Cell Carcinoma, Metastatic
Preputial gland		Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_019

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
Kidney		Congestion, Nos
Liver		Congestion, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Fibrosis
	Pleura Nos	Hydrothorax
		Necrosis, Focal
		Pigmentation, Nos
Skin		Hyperkeratosis
Spleen		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_020

TRT#: 4

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Kidney

Liver

Lung

Testis

Thyroid

Bile Duct

Cataract

Inflammation, Chronic Focal

Hyperplasia, Focal

Alveolar/Bronchiolar Adenoma

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Brain

Lung

Testis

Thyroid

Unspecified

Stem

Bronchus

Multiple Organs Nos

Hyperplasia, Nos

Necrosis, Nos

Bronchiectasis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_022

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

Kidney

Inflammation, Chronic Focal

Lung

Alveolar Macrophages

Pancreas

Bronchus

Bronchiectasis

Spleen

Islets

Islet-Cell Adenoma

Testis

Fibrosis

Hematopoiesis

Thyroid

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_023

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic Focal
Pancreas	Duct Nos	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_024

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Fibrous Histiocytoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Cast, Nos Glomerulosclerosis, Nos
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Focal
Lung	Alveoli	Congestion, Nos
	Alveoli	Edema, Nos
Spleen		Hematopoiesis
Stomach		Erosion
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Spleen

Testis

Trachea

Inflammation, Chronic Focal

Chromophobe Adenoma

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_027

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Spleen

Peyers Patch

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_028

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Pituitary gland

Bile Duct

Inflammation, Chronic Focal

Hyperplasia, Focal

Pneumonia, Chronic Murine

Angiectasis

Chromophobe Adenoma

Cyst, Nos

Hyperkeratosis

Atrophy, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

Skin

Testis

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_029

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Nos

Eye

Lens, Capsule

Calcification, Nos

Kidney

Cataract

Prostate

Inflammation, Chronic Focal

Stomach

Inflammation, Suppurative

Testis

Ulcer, Focal

Unspecified

Multiple Organs Nos

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_030

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Inflammation, Chronic Focal
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Preputial gland		Carcinoma, Nos
Spleen		Leukemia, Undifferentiated
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos
Unspecified	Adipose Tissue	Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchopneumonia Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_032

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Pancreas	Islets	Islet-Cell Adenoma
Preputial gland		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Hematopoietic

Kidney

Tubule

Pigmentation, Nos

Liver

Bile Duct

Hyperplasia, Focal

Centrilobular

Metamorphosis, Fatty

Centrilobular

Pigmentation, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Meninges	Thrombosis, Nos
Heart	Myocardium Nos	Abscess, Nos
	Endocardium Nos	Inflammation, Focal
Kidney		Abscess, Nos
	Tubule	Pigmentation, Nos
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Focal
		Necrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_036

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Midbrain Nos

Necrosis, Nos

Eye

Cataract

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_037

TRT#: 4

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Spleen

Stomach

Testis

Thyroid

Unspecified

Angiectasis

Pheochromocytoma, Malignant

Inflammation, Chronic Focal

Pneumonia, Chronic Murine

Hematopoiesis

Hemosiderosis

Ulcer, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_038

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Eye

Cataract

Pituitary gland

Hyperplasia, Nos

Spleen

Hematopoiesis

Testis

Hemosiderosis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Trachea

Hyperplasia, C Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_039

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Pancreas		Edema, Nos
	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Suppurative
Spleen		Granulopoiesis
		Hematopoiesis
		Lymphoma, Undifferentiated-Malignant Type
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Eye

Kidney

Liver

Bile Duct

Lung

Testis

Thyroid

Unspecified

Multiple Organs Nos

Pheochromocytoma

Hyperplasia, Nos

Cataract

Inflammation, Chronic Focal

Hyperplasia, Focal

Metamorphosis, Fatty

Alveolar/Bronchiolar Adenoma

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos
Urinary bladder	Submucosa	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Skin		Cyst, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Cornea	Inflammation, Interstitial
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic Focal
Lung		Pneumonia, Chronic Murine
Skin		Trichoepithelioma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_046

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Lung

Spleen

Testis

Myocardium Nos

Peyers Patch

Ileum, Ileum

Cortical Carcinoma

Degeneration, Nos

Hyperplasia, Lymphoid

Mucocele

Inflammation, Chronic Diffuse

Alveolar Macrophages

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_047

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Inflammation, Focal
Intestine Large	Colon	Nematodiasis
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Skin		Squamous Cell Papilloma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_048

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Congestion, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Anitschkow-Cell Sarcoma
Kidney	Inflammation, Chronic
Lung	Alveolar Macrophages
	Hemosiderosis
	Pneumonia, Chronic Murine
Spleen	Hematopoiesis
	Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03076

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 3-Nitropropionic acid

CAS Number: 504-88-1

Date Report Requested: 10/26/2014

Time Report Requested: 14:25:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_050

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos Myocardium Nos	Fibrosis, Focal Inflammation, Focal
Kidney		Inflammation, Chronic Focal
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis Hemosiderosis
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
Trachea		Hyperplasia, Lymphoid Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****