

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

C Number: C01478

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Abscess, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Testis

Hyperplasia, Nodular

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Nodular
Lung	Bronchus	Bronchiectasis
Salivary gland		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Angiosarcoma, Metastatic

Kidney

Sclerosis

Liver

Angiosarcoma

Lung

Angiosarcoma, Metastatic

Stomach

Carcinoma In Situ, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Leiomyosarcoma

Liver

Hepatocellular Carcinoma

Lung

Bronchus

Bronchiectasis

Lymph node

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic
	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Bronchus

Bronchiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Testis

Hepatocellular Carcinoma

Unspecified

Inguinal Region Nos

Interstitial-Cell Tumor

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Testis

Unspecified

Multiple Organs Nos

Inguinal Region Nos

Adenoma, Nos

Interstitial-Cell Tumor

Leukemia, Granulocytic

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Infarct, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Pituitary gland

Hemorrhage

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Lung

Sarcoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Lung

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Unspecified

Interstitial-Cell Tumor

Fibroma

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Abscess, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_171

TRT#: 2

DOSE: 15 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain

Liver

Lung

Hemorrhage

Hepatocellular Carcinoma

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_172

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_173

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Hepatocellular Carcinoma

Testis

Angiosarcoma, Metastatic

Hepatocellular Carcinoma, Metastatic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_181

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Testis

Thymus

Cyst, Nos

Angiosarcoma

Hepatocellular Carcinoma

Angiosarcoma, Metastatic

Interstitial-Cell Tumor

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_182

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_183

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Stomach	Squamous Cell Papilloma
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_191

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Hepatocellular Carcinoma
Stomach	Angiosarcoma, Metastatic
Testis	Erosion
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Sarcoma, Nos

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_193

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_201

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_202

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Pituitary gland		Cyst, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_203

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Bronchus	Bronchiectasis
Skin		Cyst, Epidermal Inclusion
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_211

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_212

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos
Skin	Cyst, Epidermal Inclusion
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_213

TRT#: 2

DOSE: 15 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_221

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Stomach	Mucosa	Erosion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_222

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Liver

Lung

Testis

Spermatocele

Hepatocellular Carcinoma

Inflammation, Interstitial

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_223

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Skin

Testis

Ear

Adenoma, Nos

Fibrous Histiocytoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_231

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic
	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_232

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_233

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos
Pituitary gland	Chromophobe Adenoma
Skin	Cyst, Epidermal Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_241

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain

Hemorrhage

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_242

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_243

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Hyperplasia, Nodular

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_331

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_332

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Inflammation, Interstitial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_333

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_341

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_342

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_343

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_351

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_352

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_353

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_361

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_362

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_363

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_371

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_372

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_373

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

Skin

Cyst, Epidermal Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_381

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_382

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_383

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Bronchopneumonia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_391

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Fibrosis
Trachea	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_392

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_393

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_401

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_402

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_403

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Atelectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_022

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

Urinary bladder

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_023

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Spleen

Angiosarcoma

Testis

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_032

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Edema, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Stomach	Erosion
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Adenoma, Nos
		Hepatocellular Carcinoma
Lymph node		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_051

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Hepatocellular Carcinoma
Lymph node	Angiosarcoma, Metastatic
Testis	Hyperplasia, Nos
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_052

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_053

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Adenoma, Nos
Lung	Angiosarcoma
Testis	Angiosarcoma, Metastatic
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_061

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Nodular

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_062

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Angiosarcoma
Lung		Angiosarcoma, Metastatic
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_063

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_071

TRT#: 4

DOSE: 30 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lung

Testis

Hyperplasia, Nodular

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_072

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_073

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Angiosarcoma
Lung		Angiosarcoma, Metastatic
Lymph node		Congestion, Nos
Pituitary gland		Congestion, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thymus		Congestion, Nos
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_081

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_082

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Angiosarcoma
Lung		Angiosarcoma, Metastatic
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_083

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone

Skull

Osteosarcoma

Liver

Hyperplasia, Nodular

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_171

TRT#: 5

DOSE: 30 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Testis

Angiosarcoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_172

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Leiomyosarcoma

Liver

Adenoma, Nos

Angiosarcoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_173

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Necrosis, Focal

Liver

Angiosarcoma

Hepatocellular Carcinoma

Lung

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_181

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Adenoma, Nos
Lung	Angiosarcoma
Testis	Angiosarcoma, Metastatic
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_182

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos
Testis	Interstitial-Cell Tumor
Urinary bladder	Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_183

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_191

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Adenoma, Nos
Lung		Angiosarcoma
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_192

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_193

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Nodular

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_201

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Adenoma, Nos
Lung	Angiosarcoma
Testis	Angiosarcoma, Metastatic
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_202

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Nodular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_203

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_211

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_212

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Congestion, Nos

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_213

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_221

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Jejunum

Leiomyoma

Liver

Angiosarcoma

Lung

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_222

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Angiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_223

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Hepatocellular Carcinoma
Testis	Angiosarcoma, Metastatic
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_231

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_232

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Lung

Angiosarcoma

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_233

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_241

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_242

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_243

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_331

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_332

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_333

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_341

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_342

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_343

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_351

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Hepatocellular Carcinoma
Spleen	Angiosarcoma, Metastatic
	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_352

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_353

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_361

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Hepatocellular Carcinoma, Metastatic

Liver

Hepatocellular Carcinoma

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_362

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_363

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_371

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Angiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_372

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Nodular

Testis

Infarct, Nos

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_373

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_381

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_382

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Bile Duct Carcinoma

Lung

Hepatocellular Carcinoma

Testis

Hepatocellular Carcinoma, Metastatic

Infarct, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_383

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_391

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Lung

Atelectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_392

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_393

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Hepatocellular Carcinoma

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_401

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_402

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Stomach	Mucosa	Erosion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_403

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Testis	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_011

TRT#: 7

DOSE: 7 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Testis

Hyperplasia, Nodular

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_012

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Angiosarcoma
Lung		Angiosarcoma, Metastatic
Testis		Interstitial-Cell Tumor
Unspecified	Thorax Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_013

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Sarcoma, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_021

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_022

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Fibroadenoma

Liver

Granuloma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_023

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Angiosarcoma, Metastatic
Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Lymph node	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_031

TRT#: 7

DOSE: 7 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Spleen

Testis

Granuloma, Nos

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_032

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Cortex

Adenoma, Nos

Liver

Inflammation, Granulomatous

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_033

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Testis

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_041

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Granuloma, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_042

TRT#: 7

DOSE: 7 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_043

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Leiomyosarcoma

Liver

Leiomyosarcoma, Metastatic

Lymph node

Hyperplasia, Nos

Stomach

Erosion

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_051

TRT#: 7

DOSE: 7 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Testis

Infarct, Healed

Hyperplasia, Nodular

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_052

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Stomach

Testis

Unspecified

Multiple Organs Nos

Erosion

Interstitial-Cell Tumor

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_053

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_061

TRT#: 7

DOSE: 7 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lung

Testis

Hyperplasia, Nodular

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_062

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma, Malignant

Lung

Pheochromocytoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_063

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_071

TRT#: 7

DOSE: 7 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Inflammation, Granulomatous
Prostate	Hemorrhage
Testis	Interstitial-Cell Tumor
Thyroid	C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_072

TRT#: 7

DOSE: 7 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Testis

Hyperplasia, Nodular

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_073

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_081

TRT#: 7

DOSE: 7 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Congestion, Nos
Skin	Squamous Cell Carcinoma
Spleen	Congestion, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_082

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_083

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_171

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Angiosarcoma
Lung		Angiosarcoma, Metastatic
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_172

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_173

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Lymph node	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor
Thymus	Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_181

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Lung

Testis

Peliosis Hepatis

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_182

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_183

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Lung

Testis

Angiosarcoma

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_191

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Adenoma, Nos
Lung		Congestion, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_192

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Lung

Testis

Hyperplasia, Nodular

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_193

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Lacrimal Gland

Undifferentiated Carcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_201

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated
	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_202

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain

Lymph node

Testis

Unspecified

Multiple Organs Nos

Congestion, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_203

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Adenomatous Polyp, Nos

Liver

Angiosarcoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_211

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Testis

Angioma

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_212

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Angiosarcoma
Lung		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_213

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Adenocarcinoma, Nos

Liver

Angiosarcoma

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_221

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_222

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_223

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_231

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Stomach

Erosion

Testis

Interstitial-Cell Tumor

Unspecified

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_232

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Leiomyosarcoma

Liver

Leiomyosarcoma, Metastatic

Lymph node

Leiomyosarcoma, Metastatic

Pituitary gland

Chromophobe Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_233

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_241

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_242

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_243

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 15 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_331

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_332

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Hepatocellular Carcinoma

Testis

Inflammation, Interstitial

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_333

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Hyperplasia, Nodular

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_341

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_342

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Sarcoma, Nos

Liver

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_343

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Hyperplasia, Nodular

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_351

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Nodular

Stomach

Erosion

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_352

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Hyperplasia, Nodular

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_353

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_361

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_362

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Nodular

Lung

Infarct, Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_363

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lymph node

Congestion, Nos

Thymus

Congestion, Nos

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_371

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_372

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Angiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_373

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_381

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Leiomyosarcoma

Liver

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_382

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_383

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Thymus

Unspecified

Inguinal Region Nos

Angiosarcoma

Congestion, Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_391

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_392

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Angiosarcoma

Lung

Angiosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_393

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Nodular
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_401

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_402

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_403

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 30 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Lymph node	Congestion, Nos
Testis	Atrophy, Nos
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lasiocarpine
CAS Number: 303-34-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:17:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 10_011

TRT#: 10
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos

Testis

Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor

Thyroid

Cyst, Nos
Cyst, Nos
Cyst, Nos
Cyst, Nos
Cyst, Nos
Cyst, Nos
Cyst, Nos
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_012

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_013

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_021

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_022

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_023

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lasiocarpine
CAS Number: 303-34-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:17:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 10_031

TRT#: 10
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos
Granuloma, Nos

Lung

Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos

Stomach

Diverticulum
Diverticulum
Diverticulum
Diverticulum
Diverticulum
Diverticulum
Diverticulum
Diverticulum

Testis

Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_031

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lasiocarpine
CAS Number: 303-34-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:17:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 10_041

TRT#: 10
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos
Congestion, Nos

Testis

Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lasiocarpine
CAS Number: 303-34-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:17:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 10_042

TRT#: 10
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Leukemia, Granulocytic
	Leukemia, Granulocytic
	Leukemia, Granulocytic
	Leukemia, Granulocytic
	Leukemia, Granulocytic
	Leukemia, Granulocytic
	Leukemia, Granulocytic
	Leukemia, Granulocytic
Lung	Alveolar/Bronchiolar Adenoma
	Alveolar/Bronchiolar Adenoma
	Alveolar/Bronchiolar Adenoma
	Alveolar/Bronchiolar Adenoma
	Alveolar/Bronchiolar Adenoma
	Alveolar/Bronchiolar Adenoma
	Alveolar/Bronchiolar Adenoma
	Alveolar/Bronchiolar Adenoma
Spleen	Infarct, Nos
	Infarct, Nos
	Infarct, Nos
	Infarct, Nos
	Infarct, Nos
	Infarct, Nos
	Infarct, Nos
Testis	Interstitial-Cell Tumor
	Interstitial-Cell Tumor
	Interstitial-Cell Tumor
	Interstitial-Cell Tumor
	Interstitial-Cell Tumor
	Interstitial-Cell Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_042

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_043

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_052

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_053

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_061

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Sarcoma, Nos

Sarcoma, Nos

Sarcoma, Nos

Sarcoma, Nos

Sarcoma, Nos

Sarcoma, Nos

Sarcoma, Nos

Sarcoma, Nos

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_062

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Adenoma

Testis

Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_063

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lasiocarpine
CAS Number: 303-34-4

Date Report Requested: 10/26/2014
Time Report Requested: 11:17:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 10_071

TRT#: 10
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor
Interstitial-Cell Tumor

Unspecified

Inguinal Region Nos
Inguinal Region Nos
Inguinal Region Nos
Inguinal Region Nos
Inguinal Region Nos
Inguinal Region Nos
Inguinal Region Nos
Inguinal Region Nos

Necrosis, Fat
Necrosis, Fat
Necrosis, Fat
Necrosis, Fat
Necrosis, Fat
Necrosis, Fat
Necrosis, Fat
Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_072

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_081

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_082

TRT#: 10

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 10_083

TRT#: 10

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_011

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Spleen	Hematopoiesis
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_012

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_013

TRT#: 11

DOSE: 7 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Testis

Hepatocellular Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_021

TRT#: 11

DOSE: 7 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Testis

Hepatocellular Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_022

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Adenoma, Nos
Lung	Bronchus	Bronchiectasis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_023

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Lung

Peliosis Hepatis

Testis

Bronchus

Bronchiectasis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_031

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Unspecified

Multiple Organs Nos

Calcification, Nos

Adenoma, Nos

Abscess, Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_032

TRT#: 11

DOSE: 7 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_033

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Bronchus	Bronchiectasis
Spleen		Leukemia, Granulocytic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_041

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Adenocarcinoma, Nos

Liver

Angiosarcoma

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_042

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_043

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Bronchus	Bronchiectasis
Testis		Interstitial-Cell Tumor
Thymus		Plasmacytosis
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_051

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_052

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_053

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Abscess, Nos
	Angiosarcoma, Metastatic
Lymph node	Congestion, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_061

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_062

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_063

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Abscess, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_071

TRT#: 11

DOSE: 7 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lung

Testis

Hyperplasia, Nodular

Abscess, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_072

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_073

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Angiosarcoma
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_081

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Bronchus	Bronchiectasis
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_082

TRT#: 11

DOSE: 7 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Angiosarcoma
Lung	Angiosarcoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 11_083

TRT#: 11

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic
	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_171

TRT#: 12

DOSE: 7 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Testis

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_172

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_173

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_181

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Hepatocellular Carcinoma, Metastatic

Liver

Hepatocellular Carcinoma

Lung

Congestion, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_182

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Hamartoma

Liver

Sclerosis

Testis

Hepatocellular Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_183

TRT#: 12

DOSE: 7 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Spleen

Testis

Adenoma, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_191

TRT#: 12

DOSE: 7 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_192

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_193

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_201

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Lymph node	Congestion, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_202

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Infarct, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_203

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Jejunum

Sarcoma, Nos

Liver

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_211

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Bronchus

Bronchiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_212

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Inflammation, Interstitial
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_213

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_221

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Lung

Testis

Adenoma, Nos

Congestion, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_222

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_223

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Testis

Sclerosis

Hepatocellular Carcinoma

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_231

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Inguinal Region Nos	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_232

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_233

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lymph node	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_241

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_242

TRT#: 12

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Pituitary gland	Chromophobe Adenoma
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 12_243

TRT#: 12

DOSE: 7 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Testis

Hepatocellular Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_331

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_332

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lymph node	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_333

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_341

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_342

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Atelectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_343

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_351

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_352

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_353

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_361

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Bronchus	Bronchiectasis
Thymus		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_362

TRT#: 13

DOSE: 7 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lung

Hepatocellular Carcinoma

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_363

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_371

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_372

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_373

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_381

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_382

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_383

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_391

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lymph node

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_392

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_393

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Bronchus

Bronchiectasis

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_401

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_402

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 13_403

TRT#: 13

SEX: Male

DAY ON TEST:

DOSE: 7 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_011

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Inflammation, Interstitial

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_012

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_013

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_021

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Spleen

Leukemia, Granulocytic

Testis

Interstitial-Cell Tumor

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_022

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung
Salivary gland
Spleen
Testis

Bronchus

Bronchiectasis
Atrophy, Nos
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_023

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_031

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Unspecified

Thoracic Cavity Nos

Inguinal Region Nos

Interstitial-Cell Tumor

Mesothelioma, Malignant

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_032

TRT#: 14

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Testis

Granuloma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_033

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_041

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_042

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_043

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_051

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_052

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_053

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_061

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_062

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

Unspecified

Inguinal Region Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_063

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_071

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_072

TRT#: 14

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Skin

Testis

Sebaceous Adenocarcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_073

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Unspecified

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_081

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Sclerosis

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_082

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01478

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lasiocarpine

CAS Number: 303-34-4

Date Report Requested: 10/26/2014

Time Report Requested: 11:17:30

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 14_083

TRT#: 14

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****