

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C01810B
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Lung	Bronchopneumonia Suppurative
Lymph node	Atrophy, Nos
Mammary gland	Adenocarcinoma, Nos
Testis	Atrophy, Nos
Thymus	Atrophy, Nos
Trachea	Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow	Atrophy, Nos
Lymph node	Atrophy, Nos
Mammary gland	Hyperplasia, Nos
Pituitary gland	Chromophobe Carcinoma
Spleen	Atrophy, Nos
Thymus	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Carcinoma, Nos
	Olfactory Neuroblastoma
Skeletal muscle	Inflammation, Chronic
Thymus	Atrophy, Nos
Trachea	Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_015

**TRT#:** 1  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Depletion
Brain	Olfactory Bulb	Adenocarcinoma, Nos
	Cerebrum	Inflammation, Nos
		Olfactory Neuroblastoma
Ear	Canal	Keratoacanthoma
Intestine Small	Ileum	Cystadenocarcinoma, Nos
Kidney		Inflammation, Interstitial
Liver		Hematopoiesis
Lung	Bronchus	Hyperplasia, Lymphoid
		Inflammation, Chronic
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Mammary gland		Cystadenocarcinoma, Nos
Spleen		Hyperplasia, Hematopoietic
Thyroid		Hyperplasia, Cystic
Trachea		Inflammation, Chronic
Urinary bladder		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver		Hematopoiesis
Spleen		Hematopoiesis
Stomach		Ulcer, Nos
Thymus		Atrophy, Nos
Unspecified	Pelvis	Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Nos
	Cortex Nos	Hyperplasia, Nodular
Brain	Olfactory Bulb	Adenocarcinoma, Nos
		Olfactory Neuroblastoma
Lymph node		Atrophy, Nos
Spleen		Atrophy, Nos
Thymus		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Lung	Bronchopneumonia, Nos
Lymph node	Atrophy, Nos
Mammary gland	Cystadenocarcinoma, Nos
Skin	Basal-Cell Carcinoma
Spleen	Atrophy, Nos
Testis	Atrophy, Nos
Thymus	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Mammary gland  
Spleen  
Testis

Atrophy, Nos  
Adenocarcinoma, Nos  
Hyperplasia, Nos  
Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Heart	Endocardium Nos	Fibrosis
Lung		Inflammation, Interstitial
Lymph node		Atrophy, Nos
Peritoneum		Fibrosarcoma
Spleen		Atrophy, Nos
Testis		Atrophy, Nos
Thymus		Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Undifferentiated Carcinoma
Lung	Edema, Nos Hemorrhage Undifferentiated Carcinoma, Metastatic
Spleen	Atrophy, Nos
Testis	Atrophy, Nos
Thymus	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Atrophy, Nos

Lung

Inflammation, Interstitial

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Carcinoma, Nos
Lung	Bronchopneumonia Suppurative
Testis	Atrophy, Nos
Thymus	Atrophy, Nos
Trachea	Inflammation, Acute Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Brain

Heart

Liver

Pancreas

Spleen

Testis

Thymus

Trachea

Myocardium Nos

Cortical Adenoma

Olfactory Neuroblastoma

Inflammation, Interstitial

Periarteritis

Inflammation, Interstitial

Atrophy, Nos

Atrophy, Nos

Atrophy, Nos

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Oligodendroglioma
Lymph node	Pancreatic Lymph Node	Atrophy, Nos
Spleen		Atrophy, Nos
Thymus		Atrophy, Nos
		Hemorrhage
Trachea		Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Atrophy, Nos

Spleen

Atrophy, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Kidney  
Liver

Hyperplasia, Hematopoietic  
Lymphocytic Inflammatory Infiltrate  
Lymphocytic Inflammatory Infiltrate  
Periarteritis

Mammary gland  
Spleen  
Testis  
Thymus

Adenocarcinoma, Nos  
Hyperplasia, Nos  
Atrophy, Nos  
Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Spleen

Hyperplasia, Nos

Thymus

Atrophy, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Mammary gland

Adenoma, Nos

Hyperplasia, Nos

Spleen

Atrophy, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_051

**TRT#:** 1  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Spleen  
Unspecified

Cortex Nos  
  
Multiple Organs Nos

Hyperplasia, Nodular  
Leukocytosis, Nos  
Hyperplasia, Reticulum Cell  
Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_052

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Olfactory Neuroblastoma
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Mammary gland		Adenocarcinoma, Nos
Pancreas		Acinar-Cell Adenoma
Spleen		Atrophy, Nos
Testis		Atrophy, Nos
Thymus		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_053

**TRT#:** 1  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Testis		Atrophy, Nos
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_054

**TRT#:** 1  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Bone marrow  
Thyroid  
Unspecified

Multiple Organs Nos

Hyperplasia, Hematopoietic  
Cyst, Epidermal Inclusion  
Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_055

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Leukemia, Granulocytic
Brain		Carcinoma, Nos
Ear	Canal	Keratoacanthoma
Lung		Bronchopneumonia Suppurative
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Spleen		Hyperplasia, Hematopoietic
Stomach		Ulcer, Focal
Testis		Atrophy, Nos
Thymus		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_061

**TRT#:** 1  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen		Hyperplasia, Lymphoid
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_062

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Spleen

Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_063

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hemorrhage
		Necrosis, Coagulative
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Pancreas	Acinus	Hyperplasia, Nodular
Spleen		Atrophy, Nos
Testis		Atrophy, Nos
Thymus		Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Eosinophilic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_064

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Kidney  
Lung  
Mammary gland

Hyperplasia, Hematopoietic  
Inflammation, Interstitial  
Bronchopneumonia Suppurative  
Adenocarcinoma, Nos  
Hyperplasia, Nos

Spleen  
Testis  
Trachea

Hematopoiesis  
Atrophy, Nos

Unspecified

Multiple Organs Nos

Inflammation, Nos  
Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_065

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Bronchiectasis Bronchopneumonia Suppurative
Lymph node	Mediastinal Lymph Node	Hyperplasia, Nos
Spleen		Atrophy, Nos
Testis		Atrophy, Nos
Thymus		Atrophy, Nos
Trachea		Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_071

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Leukocytosis, Nos
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Mammary gland		Adenocarcinoma, Nos
Peritoneum		Fibrosis
Testis		Atrophy, Nos
Trachea		Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_072

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Brain		Olfactory Neuroblastoma
Kidney		Leukocytosis, Nos
Lymph node	Mesenteric Lymph Node	Atrophy, Nos
Mammary gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach		Ulcer, Nos
Thymus		Atrophy, Nos
Trachea		Inflammation, Acute/Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_073

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Bone marrow		Hyperplasia, Hematopoietic
Brain	Olfactory Bulb	Adenocarcinoma, Nos
	Olfactory Bulb	Hyperplasia, Nos
	Olfactory Bulb	Metaplasia, Squamous
		Olfactory Neuroblastoma
Intestine Large	Colon	Adenocarcinoma, Nos
Lung		Hyperplasia, Lymphoid
		Inflammation, Interstitial
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Testis		Atrophy, Nos
Thymus		Atrophy, Nos
Trachea		Inflammation, Acute/Chronic
Unspecified	Neck	Carcinoma, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_074

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Atrophy, Nos

Testis

Atrophy, Nos

Thymus

Atrophy, Nos

Trachea

Inflammation, Acute/Chronic

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_075

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Adenocarcinoma, Nos

Skin

Fibrosis

Testis

Atrophy, Nos

Trachea

Inflammation, Suppurative

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 002.5 ML/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Epididymis		Inflammation, Granulomatous Focal
Intestine Small	Ileum	Lymphoma, Lymphocytic-Malignant Type
Lung		Congestion, Nos
		Edema, Nos
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
	Mesenteric Lymph Node	Atrophy, Nos
Spleen		Atrophy, Nos
Testis		Atrophy, Nos
Thymus		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain		Olfactory Neuroblastoma
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Spleen		Atrophy, Nos
Testis		Atrophy, Nos
Trachea		Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Hemorrhage
	Cerebrum	Malacia
Kidney		Nephropathy
Testis		Atrophy, Nos
Thymus		Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Malacia Olfactory Neuroblastoma
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Mammary gland		Hyperplasia, Nos
Spleen		Atrophy, Nos
Trachea		Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Spleen		Atrophy, Nos
Thymus		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Prostate		Hemorrhage
Seminal vesicle		Hemorrhage
Spleen		Atrophy, Nos
Stomach		Periarteritis
		Ulcer, Nos
Thymus		Atrophy, Nos
Trachea		Inflammation, Acute/Chronic
Urinary bladder		Inflammation, Hemorrhagic

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain  
Heart  
Kidney  
Mammary gland

Myocardium Nos

Olfactory Neuroblastoma  
Inflammation, Interstitial  
Calcification, Nos  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Trachea  
Unspecified

Multiple Organs Nos

Inflammation, Acute/Chronic  
Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Hyperplasia, Tubular Cell
Liver	Centrilobular	Necrosis, Nos
Lung		Embolism, Nos
Lymph node	Mediastinal Lymph Node	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain		Olfactory Neuroblastoma
Kidney		Hyperplasia, Tubular Cell
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Spleen		Atrophy, Nos
Thymus		Atrophy, Nos
Trachea		Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen  
Thymus

Atrophy, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Hematopoiesis
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Hyperplasia, Tubular Cell
Liver	Centrilobular	Degeneration, Nos
	Centrilobular	Necrosis, Nos
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Mammary gland		Adenocarcinoma, Nos
Spleen		Hyperplasia, Hematopoietic
Thymus		Atrophy, Nos
Trachea		Inflammation, Acute/Chronic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Mammary gland  
Spleen  
Thymus  
Trachea

Mediastinal Lymph Node

Atrophy, Nos  
Hyperplasia, Nos  
Atrophy, Nos  
Atrophy, Nos  
Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain		Olfactory Neuroblastoma
Kidney		Hyperplasia, Tubular Cell
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Pancreas		Granuloma, Nos
Spleen		Atrophy, Nos
Thymus		Atrophy, Nos
Trachea		Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Malacia
Heart	Endocardium Nos Myocardium Nos	Fibrosis Inflammation, Interstitial
Kidney		Hyperplasia, Tubular Cell
Lung		Bronchopneumonia Suppurative
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Skin		Cyst, Epidermal Inclusion
Testis		Adhesion, Nos Atrophy, Nos
Trachea		Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain  
Lymph node  
Mammary gland  
Spleen  
Testis  
Thymus  
Trachea

Mediastinal Lymph Node

Olfactory Neuroblastoma  
Atrophy, Nos  
Hyperplasia, Nos  
Atrophy, Nos  
Atrophy, Nos  
Atrophy, Nos  
Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_053

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Brain

Lymph node

Pancreas

Thymus

Thyroid

Cerebrum

Mediastinal Lymph Node

Cortical Adenoma

Gliosis

Olfactory Neuroblastoma

Atrophy, Nos

Granuloma, Nos

Atrophy, Nos

Ectopia

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_055

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ear	Canal	Squamous Cell Papilloma
Intestine Large	Colon	Adenocarcinoma In Adenomatous Polyp
Kidney		Inflammation, Interstitial
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_061

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Congestion, Nos
	Edema, Nos
	Hemorrhage
Pancreas	Necrosis, Fat
Spleen	Atrophy, Nos
Thymus	Atrophy, Nos
Trachea	Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_062

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain	Olfactory Neuroblastoma
Lung	Congestion, Nos
	Edema, Nos
Spleen	Hyperplasia, Hematopoietic
Trachea	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_063

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Brain		Sarcoma, Nos
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Prostate		Inflammation, Suppurative
Spleen		Atrophy, Nos
Thymus		Atrophy, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_064

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain		Olfactory Neuroblastoma
Lung		Congestion, Nos
		Edema, Nos
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Mammary gland		Hyperplasia, Nos
Spleen		Atrophy, Nos
Thymus		Atrophy, Nos
		Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_065

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain		Olfactory Neuroblastoma
Heart	Myocardium Nos	Inflammation, Interstitial
Testis		Atrophy, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_071

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lymph node  
Mammary gland  
Spleen  
Stomach  
  
Thymus  
Trachea

Mediastinal Lymph Node

Cortical Adenoma  
Atrophy, Nos  
Hyperplasia, Nos  
Atrophy, Nos  
Periarteritis  
Ulcer, Nos  
Atrophy, Nos  
Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_072

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen  
Thymus

Atrophy, Nos  
Atrophy, Nos  
Hemorrhage  
Inflammation, Acute/Chronic

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_073

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain		Olfactory Neuroblastoma
Heart	Endocardium Nos	Fibrosis
Liver		Angiectasis
Lymph node	Mediastinal Lymph Node	Atrophy, Nos
Spleen		Atrophy, Nos
Thymus		Atrophy, Nos
Trachea		Cyst, Nos
		Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_074

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Prostate  
Spleen  
Thymus

Inflammation, Suppurative  
Atrophy, Nos  
Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_075

**TRT#:** 2  
**DOSE:** 002.5 ML/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain  
Mammary gland  
Spleen  
Thymus  
Trachea

Olfactory Neuroblastoma  
Hyperplasia, Nos  
Atrophy, Nos  
Atrophy, Nos  
Cyst, Nos  
Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Kidney  
Lung  
Mammary gland

Atrophy, Nos  
Inflammation, Interstitial  
Bronchopneumonia Suppurative  
Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Skeletal muscle

Head

Atrophy, Nos  
Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Lung	Bronchiole	Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Pituitary gland

Atrophy, Nos  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung

Inflammation, Interstitial  
Bronchopneumonia Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Kidney  
Lung  
Pituitary gland

Bronchiole

Atrophy, Nos  
Inflammation, Interstitial  
Hyperplasia, Lymphoid  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Kidney

Atrophy, Nos  
Inflammation, Interstitial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen  
Unspecified

Multiple Organs Nos

Hematopoiesis  
Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Lung

Bronchiole

Atrophy, Nos  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Lung

Atrophy, Nos  
Bronchopneumonia Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_011

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ear  
Mammary gland

Canal

Squamous Cell Carcinoma  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_012

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Mammary gland  
Trachea

Inflammation, Interstitial  
Fibroadenoma  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_013

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain	Astrocytoma
Kidney	Inflammation, Interstitial
Skin	Inflammation, Chronic
Unspecified	Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_014

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Lung

Bronchiole

Atrophy, Nos  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_015

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Mammary gland

Inflammation, Interstitial  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_021

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Trachea

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_023

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Interstitial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01810B  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Procarbazine hydrochloride  
**CAS Number:** 366-70-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:54:47  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_025

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Bone marrow  
Kidney  
Pituitary gland

Atrophy, Nos  
Inflammation, Interstitial  
Chromophobe Adenoma

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**PRIMARY CAUSE OF DEATH**

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**\*\* END OF REPORT \*\***