

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C04126
<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:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lung

Large Intestine, Colon

Nematodiasis  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Psammoma Bodies

Intestine Small

Ileum

Nematodiasis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Unspecified

Large Intestine, Colon  
Multiple Organs Nos

Nematodiasis  
Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Psammoma Bodies

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Unspecified

Large Intestine, Colon  
Multiple Organs Nos

Nematodiasis  
Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain		Psammoma Bodies
Intestine Large	Large Intestine, Colon	Nematodiasis
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Thyroid		Cystic Follicles

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Psammoma Bodies
Intestine Large	Large Intestine, Colon	Nematodiasis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Intestine Small  
Stomach

Large Intestine, Colon  
Mesentery Nos

Nematodiasis  
Periarteritis  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lung  
Thyroid

Large Intestine, Colon

Nematodiasis  
Pneumonia, Chronic Murine  
Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lymph node

Large Intestine, Colon  
Mesenteric Lymph Node

Nematodiasis  
Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lung

Large Intestine, Colon

Nematodiasis  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Seminal vesicle  
Unspecified

Large Intestine, Colon  
Multiple Organs Nos

Nematodiasis  
Cyst, Nos  
Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Sclerosis

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Psammoma Bodies

Lung

Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain  
Liver  
Lung

Psammoma Bodies  
Hepatocellular Adenoma  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Lung

Mesentery Nos

Necrosis, Fat  
Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver	Hepatocytes	Hyperplasia, Nos
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain  
Spleen  
Thyroid

Psammoma Bodies  
Hyperplasia, Lymphoid  
Cystic Follicles

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain  
Intestine Small

Peyers Patch

Psammoma Bodies  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Thyroid

Peyers Patch

Lymphoma, Undifferentiated-Malignant Type  
Cystic Follicles

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

Lymph node

Mesenteric Lymph Node

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Testis

Hemangioma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lung

Large Intestine, Colon

Nematodiasis  
Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lung

Large Intestine, Colon

Nematodiasis  
Alveolar/Bronchiolar Adenoma  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Lung  
Lymph node

Large Intestine, Colon  
Mesenteric Lymph Node

Nematodiasis  
Pneumonia, Chronic Murine  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Lymphoma, Undifferentiated-Malignant Type
Spleen		Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Psammoma Bodies

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1  
**DOSE:** 150.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung  
Alveolar/Bronchiolar Adenoma  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Psammoma Bodies

Lung

Pneumonia, Aspiration

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Perivasculitis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 150.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_101

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Lung

Perivasculitis  
Perivasculitis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_102

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lymph node

Large Intestine, Colon  
Mesenteric Lymph Node

Nematodiasis  
Hyperplasia, Reticulum Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_103

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_104

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_105

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain		Psammoma Bodies
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_106

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_107

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_109

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Lung

Mesentery Nos

Necrosis, Fat  
Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_110

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Lymph node

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_112

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_113

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung	Alveolar/Bronchiolar Adenoma Pneumonia, Chronic Murine
------	---

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_115

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Liver

Glomerulonephritis, Nos  
Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_117

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Liver

Mesentery Nos

Necrosis, Fat  
Hepatocellular Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_118

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
		Squamous Cell Carcinoma, Metastatic
Stomach		Squamous Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_121

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver

Hepatocytomegaly

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_122

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver	Hepatocellular Carcinoma
Lung	Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_124

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_126

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Blood vessel	Testicular Artery	Degeneration, Hyaline
Heart	Mitral Valve Nos	Degeneration, Hyaline
Lung		Pneumonia, Chronic Murine
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_127

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Abscess, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_128

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Skeletal muscle

Parasitism

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_129

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Lung

Cortical Adenoma  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_130

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung  
Spleen

Pneumonia, Chronic Murine  
Hyperplasia, Reticulum Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_131

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_132

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Intestine Small  
Lymph node

Large Intestine, Colon  
Peyers Patch

Nematodiasis  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_133

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_135

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

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

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_138

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	Psammoma Bodies
Liver	Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_139

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Esophagus  
Intestine Large  
Spleen  
Unspecified

Large Intestine, Colon

Inflammation, Nos  
Nematodiasis  
Hematopoiesis  
Abscess, Nos  
Foreign Body, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_141

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung

Unspecified

Multiple Organs Nos

Alveolar/Bronchiolar Adenoma

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_142

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Lymph node  
Testis

Lymphoma, Undifferentiated-Malignant Type  
Seminoma/Dysgerminoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_143

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_144

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lymph node  
Spleen

Large Intestine, Colon

Nematodiasis  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_146

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lung

Large Intestine, Colon

Nematodiasis  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_147

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Unspecified

Large Intestine, Colon  
Multiple Organs Nos

Nematodiasis  
Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_148

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver	Hepatocellular Adenoma
Testis	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_149

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Large  
Lung

Large Intestine, Colon

Nematodiasis  
Alveolar/Bronchiolar Adenoma  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_150

**TRT#:** 2  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_201

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

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

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

---

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma  
Necrosis, Focal

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_203

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

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

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

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_204

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

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

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

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung		Pneumonia, Aspiration
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_205

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

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_206

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

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

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

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_207

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

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

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

---

**OBSERVATIONS**

Spleen

Fibrosis, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_208

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

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

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

---

**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty Necrosis, Nos
Spleen		Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_209

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

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

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

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_210

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

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

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

---

**OBSERVATIONS**

Liver Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_212

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

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

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

---

**OBSERVATIONS**

Lung Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_213

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

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_214

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

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

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

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**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_216

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

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

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

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**OBSERVATIONS**

Liver  
Unspecified

Multiple Organs Nos

Necrosis, Focal  
Leukemia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_218

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

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

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

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**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C04126  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Pivalolactone  
**CAS Number:** 1955-45-9

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:37:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_219

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

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

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

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**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Lymphoma, Histiocytic-Malignant Type

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PRIMARY CAUSE OF DEATH

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