

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C01581
<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:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Liver

Ileum, Ileum  
Centrilobular

Ulcer, Nos  
Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 010.0 ML/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:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Liver	Hepatocellular Adenoma
Thyroid	Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Epididymis	Inflammation, Chronic Suppurative
Liver	Inflammation, Necrotizing
Peritoneum	Inflammation, Suppurative
Prostate	Inflammation, Chronic Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Liver  
Pancreas  
Peritoneum

Ileum, Ileum

Inflammation, Suppurative  
Inflammation, Chronic Necrotizing  
Inflammation, Suppurative  
Inflammation, Chronic Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Peritoneum  
Stomach

Inflammation, Chronic Suppurative  
Inflammation, Chronic Suppurative

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

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**OBSERVATIONS**

Epididymis  
Peritoneum

Inflammation, Chronic Suppurative  
Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Liver  
Unspecified

Capsule  
Multiple Organs Nos

Hemorrhage  
Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_051

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_052

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_054

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_055

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Pancreas

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_062

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Liver	Necrosis, Coagulative
Pancreas	Inflammation, Chronic
Peritoneum	Inflammation, Chronic Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_063

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_064

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_065

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_072

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_073

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_074

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_075

**TRT#:** 2  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

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

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

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

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

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

---

**OBSERVATIONS**

Liver		Necrosis, Coagulative
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

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

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_015

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

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

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

---

**OBSERVATIONS**

Lung  
Bronchopneumonia Suppurative  
Hyperplasia, Plasma Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

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

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

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

---

**OBSERVATIONS**

Liver Necrosis, Coagulative

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

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

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

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

---

**OBSERVATIONS**

Kidney

Pyelonephritis, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

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

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

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

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

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

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

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

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Prostate		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

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

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

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

---

**OBSERVATIONS**

Heart	Endocardium Nos Myocardium Nos	Inflammation, Chronic Inflammation, Chronic Suppurative
Liver		Inflammation, Chronic Suppurative
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

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

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

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

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_011

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

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

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

---

**OBSERVATIONS**

Lung  
Trachea

Bronchopneumonia Suppurative  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_012

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

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

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

---

**OBSERVATIONS**

Lung  
Trachea

Bronchopneumonia Suppurative  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**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**

Lung		Bronchopneumonia Suppurative
Trachea		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_015

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

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

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

---

**OBSERVATIONS**

Lung  
Bronchopneumonia Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**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, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_023

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

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

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

---

**OBSERVATIONS**

Ear	Middle Ear	Inflammation, Suppurative
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Lung		Alveolar/Bronchiolar Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_024

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

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

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

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma  
Bronchopneumonia Suppurative  
Inflammation, Suppurative

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_025

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

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

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

---

**OBSERVATIONS**

Liver Hyperplasia, Nodular

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_032

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

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

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

---

**OBSERVATIONS**

Liver

Hyperplasia, Nodular

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_033

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

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

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

---

**OBSERVATIONS**

Liver  
Lung

Bile Duct

Bile Duct Carcinoma  
Alveolar/Bronchiolar Adenoma  
Bronchopneumonia Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_035

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

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

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

---

**OBSERVATIONS**

Lung	Bronchiole	Hyperplasia, Lymphoid
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**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_011

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchopneumonia Suppurative Hyperplasia, Plasma Cell
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**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_012

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchopneumonia Suppurative Hyperplasia, Plasma Cell
------	------------	--

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_013

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Liver

Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_014

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

PRIMARY CAUSE OF DEATH

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_015

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_021

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Liver Hepatocellular Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_022

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Liver		Necrosis, Coagulative
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_023

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_031

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_033

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_034

**TRT#:** 5  
**DOSE:** 010.0 ML/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:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_041

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Liver		Hyperplasia, Nodular
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_043

**TRT#:** 5  
**DOSE:** 010.0 ML/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:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_044

**TRT#:** 5  
**DOSE:** 010.0 ML/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:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_045

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_051

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_052

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_053

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_054

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_055

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_061

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Lung  
Trachea

Bronchopneumonia Suppurative  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_062

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Lung  
Bronchopneumonia Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_063

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Liver Hyperplasia, Nodular

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_071

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Lung  
Bronchopneumonia Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_072

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Lung  
Bronchopneumonia Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_073

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Lung  
Bronchopneumonia Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_074

**TRT#:** 5  
**DOSE:** 010.0 ML/KG

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

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

---

**OBSERVATIONS**

Lung		Bronchopneumonia Suppurative
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_013

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_014

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Pyelonephritis, Suppurative
Liver		Necrosis, Coagulative
Peritoneum		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_015

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Liver

Hyperplasia, Nodular

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_021

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_022

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_023

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_024

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_031

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Liver  
Hepatocellular Adenoma  
Hyperplasia, Nodular

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_032

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_033

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_034

**TRT#:** 6  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund 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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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_035

**TRT#:** 6  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_011

**TRT#:** 7  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Urinary bladder

Hemangioma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_022

**TRT#:** 7  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Lung  
Bronchopneumonia Suppurative

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_023

**TRT#:** 7  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Liver	Inflammation, Suppurative
Lung	Bronchopneumonia Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_024

**TRT#:** 7  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Liver	Hepatocellular Adenoma
Lung	Alveolar/Bronchiolar Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_025

**TRT#:** 7  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Suppurative
Lung		Bronchopneumonia Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_031

**TRT#:** 7  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Lung  
Bronchopneumonia Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_032

**TRT#:** 7  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung		Bronchopneumonia Suppurative
	Bronchiole	Hyperplasia, Plasma Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_033

**TRT#:** 7  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Lung		Bronchopneumonia Suppurative
	Bronchiole	Hyperplasia, Plasma Cell
Trachea		Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C01581  
**Test Type:** Long-Term  
**Route:** Intraperitoneal Injection  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** beta-Thioguanidine deoxyriboside  
**CAS Number:** 789-61-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:31:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_035

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Accidentally Killed

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

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**OBSERVATIONS**

Lung		Bronchopneumonia Suppurative
	Bronchiole	Hyperplasia, Plasma Cell
Trachea		Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

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