

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C50533
<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>	Female

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Bone marrow  
Liver

Fibrosis, Myelo  
Cytoplasmic Change, Eosinophilic  
Metamorphosis, Fatty

Lung  
Unspecified  
Uterus

Alveoli  
Multiple Organs Nos  
Endometrium

Histiocytosis  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Lung

Inflammation, Interstitial

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Multiple Organs Nos

Lymphoma, Nos-Malignant

Uterus

Endometrium

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Lung

Hemorrhage

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Multiple Organs Nos

Lymphoma, Nos-Malignant

Uterus

Endometrium

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Bone marrow

Brain

Unspecified

Uterus

Thalamus

Axilla

Multiple Organs Nos

Endometrium

Fibrosis, Myelo

Calculus, Unknown Gross Or Micro

Hemangioma

Lymphoma, Nos-Malignant

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung  
Bronchopneumonia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone	Sternum	Necrosis, Nos Osteosarcoma
Lung		Osteosarcoma, Metastatic
Lymph node	Mediastinal Lymph Node	Osteosarcoma, Metastatic
Thyroid		Atrophy, Focal
Uterus		Leiomyoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Intestine Small	Duodenum	Papillary Adenoma
Lung		Osteosarcoma, Uncertain Primary/Metastatic
Lymph node	Hepatic Lymph Node	Hyperplasia, Lymphoid
	Mediastinal Lymph Node	Osteosarcoma, Uncertain Primary/Metastatic
Spleen		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Adenoma
Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow  
Liver  
Ovary  
Skin  
Spleen  
Uterus

Endometrium

Fibrosis, Myelo  
Hepatocellular Adenoma  
Cyst, Parovarian  
Myxosarcoma  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Liver

Spleen

Uterus

Endometrium

Fibrosis, Myelo

Hepatocellular Adenoma

Hyperplasia, Lymphoid

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver		Hematopoiesis
		Hepatocellular Adenoma
Lung		Inflammation, Interstitial
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Thyroid

Atrophy, Focal

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow  
Lung  
Ovary  
Pituitary gland  
Spleen  
Thymus  
Unspecified

Multiple Organs Nos

Fibrosis, Myelo  
Hemorrhage  
Cyst, Parovarian  
Focal Cellular Change  
Hyperplasia, Lymphoid  
Lymphoma, Nos-Malignant  
Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Lymph node

Unspecified

Mesenteric Lymph Node

Multiple Organs Nos

Fibrosis, Myelo

Mastocytosis

Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone	Sternum	Necrosis, Nos
Bone marrow		Fibrosis, Myelo
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung		Inflammation, Interstitial
Lymph node	Renal Lymph Node	Hyperplasia, Lymphoid
	Sacral Lymph Node	Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Esophagus  
Liver  
Lung  
Salivary gland

Inflammation, Suppurative  
Necrosis, Coagulative  
Inflammation, Interstitial  
Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Hemangiosarcoma
Mammary gland		Adenocarcinoma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Lung

Inflammation, Interstitial

Ovary

Cyst, Follicular Nos

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Lung

Inflammation, Interstitial

Ovary

Cyst, Parovarian

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow  
Liver

Fibrosis, Myelo  
Cytoplasmic Change, Ground-Glass  
Hepatocellular Adenoma

Lung  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Inflammation, Interstitial  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Ovary

Fibrosis, Myelo  
Cyst, Parovarian  
Teratoma, Nos  
Focal Cellular Change

Pituitary gland  
Thyroid  
Unspecified

Multiple Organs Nos

Atrophy, Focal  
Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Liver

Hepatocellular Adenoma

Lung

Alveolar/Bronchiolar Adenoma

Ovary

Cyst, Parovarian

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

Uterus

Endometrium

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Hepatocellular Adenoma
Lung		Inflammation, Interstitial
Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung	Alveoli	Histiocytosis
Lymph node	Mediastinal Lymph Node	Lymphoma, Nos-Malignant
Pituitary gland		Focal Cellular Change
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Metamorphosis, Fatty

Liver

Metamorphosis, Fatty

Lung

Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver		Necrosis, Nos
Lung	Bronchus	Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Hepatocellular Carcinoma
Lung		Inflammation, Interstitial
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Kidney

Lung

Ovary

Unspecified

Uterus

Multiple Organs Nos

Endometrium

Fibrosis, Myelo

Glomerulonephritis, Nos

Inflammation, Interstitial

Hemangiosarcoma

Lymphoma, Histiocytic-Malignant Type

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung		Inflammation, Interstitial
Pancreas	Acinus	Atrophy, Nos Inflammation, Chronic
Spleen		Hematopoiesis
Unspecified	Abdominal Cavity	Hemangiosarcoma
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Focal Cellular Change
Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Interstitial
Salivary gland		Lymphocytic Inflammatory Infiltrate
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Lymph node  
Uterus

Mediastinal Lymph Node  
Endometrium

Congestion, Nos  
Bronchopneumonia, Nos  
Plasmacytosis  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Trachea

Hemorrhage  
Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver  
Cytoplasmic Change, Ground-Glass  
Necrosis, Coagulative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Lung

Unspecified

Uterus

Multiple Organs Nos

Endometrium

Fibrosis, Myelo

Inflammation, Interstitial

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Focal Cellular Change
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Hepatocellular Adenoma
Mammary gland		Dilatation, Ducts
Ovary		Cyst, Hemorrhagic
Pituitary gland		Adenoma, Nos
Skin		Fibrosarcoma
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Brain

Lung

Unspecified

Thalamus

Multiple Organs Nos

Fibrosis, Myelo

Calculus, Unknown Gross Or Micro

Inflammation, Interstitial

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Lung

Inflammation, Interstitial

Thyroid

Atrophy, Focal

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone	Sternum	Necrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Hemorrhage
Ovary		Cyst, Parovarian
Unspecified		Hemangioma
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Hepatocellular Adenoma
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Focal Cellular Change
Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Interstitial
Ovary		Angiectasis
Pituitary gland		Focal Cellular Change
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Eye		Cataract
Harderian gland	Hardarian Gland	Adenoma, Nos
Liver		Hepatocellular Adenoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung  
Bronchopneumonia, Nos

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Lung  
Bronchopneumonia, Nos  
Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 120.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Lung

Hemorrhage

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Adenoma
Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1  
**DOSE:** 120.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Carcinoma
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Adenoma
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lymph node	Mesenteric Lymph Node	Lymphoma, Nos-Malignant
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Inflammation, Interstitial
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Uterus

Cortex Nos  
  
Endometrium

Focal Cellular Change  
Fibrosis, Myelo  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Hemorrhage
Pituitary gland		Adenoma, Nos
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Focal Cellular Change
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
	Meninges	Pigmentation, Nos
Lung		Inflammation, Interstitial
Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Intestine Small  
Unspecified  
Uterus

Jejunum  
Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Lymphoma, Nos-Malignant  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Meninges	Pigmentation, Nos
Lung	Alveoli	Histiocytosis
Pituitary gland		Focal Cellular Change
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
		Necrosis, Nos
Unspecified	Abdominal Cavity	Hematoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Inflammation, Multifocal
Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Bone	Sternum	Necrosis, Nos
Bone marrow		Fibrosis, Myelo
Pituitary gland		Hemorrhage
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Cytoplasmic Vacuolization
Lung		Hemorrhage
		Inflammation, Interstitial
Pituitary gland		Adenoma, Nos
Thyroid		Atrophy, Focal
		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Spleen		Hemangioma
Thyroid		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Pituitary gland

Cyst, Nos  
Focal Cellular Change

Spleen

Hematopoiesis

Thyroid

Atrophy, Focal

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

Uterus

Endometrium

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Lung  
Pancreas

Bronchopneumonia, Nos  
Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Calculus, Unknown Gross Or Micro
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone	Sternum	Necrosis, Nos
Bone marrow		Fibrosis, Myelo
Lung		Inflammation, Interstitial
Mammary gland		Carcinosarcoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Inflammation, Interstitial
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Abdominal Cavity	Necrosis, Fat
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Ovary  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Cyst, Follicular Nos  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lymph node	Renal Lymph Node	Hyperplasia, Lymphoid
	Sacral Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Parovarian
Spleen		Hyperplasia, Reticulum Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Heart	Cardiac Valve	Pigmentation, Nos
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Liver  
Unspecified  
Uterus

Cortex Nos  
  
Multiple Organs Nos  
Endometrium

Focal Cellular Change  
Fibrosis, Myelo  
Cytoplasmic Change, Basophilic  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Necrosis, Coagulative
Pituitary gland		Focal Cellular Change
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Adenoma
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Inflammation, Interstitial
Pituitary gland		Angiectasis
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone  
Lung  
Trachea

Sternum

Necrosis, Nos  
Hemorrhage  
Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Carcinoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone marrow  
Ovary  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Cyst, Parovarian  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone	Sternum	Necrosis, Nos
Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mediastinal Lymph Node	Alveolar/Bronchiolar Carcinoma, Metastatic
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Harderian gland	Hardarian Gland	Adenoma, Nos
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Endometrial Stromal Polyp Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lymph node	Mesenteric Lymph Node	Lymphoma, Nos-Malignant
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Uterus

Endometrium

Fibrosis, Myelo  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone	Sternum	Necrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Lung  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Inflammation, Interstitial  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone	Sternum	Necrosis, Nos
Bone marrow		Fibrosis, Myelo
Lung		Alveolar/Bronchiolar Adenoma
		Hemorrhage
		Inflammation, Interstitial
Ovary		Cyst, Follicular Nos
Thyroid		Atrophy, Focal
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Brain  
Unspecified  
Uterus

Meninges  
Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Pigmentation, Nos  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Meninges	Pigmentation, Nos
Lymph node	Inguinal Lymph Node	Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver		Leukocytosis, Nos
Skin		Fibrosarcoma
Unspecified	Multiple Organs Nos	Fibrosarcoma, Metastatic
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Heart	Cardiac Valve	Pigmentation, Nos
Kidney		Metaplasia, Osseous
Lung		Perivascular Cuffing
Ovary		Cyst, Parovarian
Pituitary gland		Focal Cellular Change
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Kidney		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2  
**DOSE:** 060.0 MG/KG

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Liver  
Ovary  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Hepatocellular Carcinoma  
Cyst, Parovarian  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_003

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_004

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_005

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_006

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_008

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Calcification, Focal
Brain		Calcification, Focal
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_009

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_010

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Lung

Pneumonia, Aspiration

Uterus

Endometrium

Pneumonia, Chronic Murine

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

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

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Heart	Myocardium Nos	Inflammation, Chronic
Lung		Pneumonia, Aspiration
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone  
Intestine Small  
Uterus

Duodenum  
Endometrium

Fibrous Osteodystrophy  
Adenomatous Polyp, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Brain  
Intestine Large  
Kidney  
Lung  
Mammary gland  
Pituitary gland

Colon

Calcification, Focal  
Parasitism  
Inflammation, Chronic  
Pneumonia, Aspiration  
Lactation  
Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_015

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Ovary		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Brain		Calcification, Focal
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_018

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Brain		Calcification, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_020

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Brain		Calcification, Focal
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Hyperplasia, Alveolar Epithelium
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Lung		Pneumonia, Aspiration
Unspecified	Multiple Organs Nos	Pneumonia, Chronic Murine
Uterus	Endometrium	Lymphoma, Histiocytic-Malignant Type
		Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Intestine Small	Mesentery Nos	Necrosis, Fat
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_034

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone	Fibrous Osteodystrophy
Brain	Calcification, Focal
Lung	Pneumonia, Aspiration
	Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Liver		Necrosis, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone  
Lung

Fibrous Osteodystrophy  
Pneumonia, Chronic Murine

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_037

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Bone  
Pancreas  
Uterus

Cortex Nos  
  
Islets  
Endometrium

Hyperplasia, Focal  
Fibrous Osteodystrophy  
Hyperplasia, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_038

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Uterus

Endometrium

Hyperplasia, Cystic

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_039

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Pancreas	Islets	Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_040

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Stomach	Mucosa	Calcification, Focal
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_041

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone  
Intestine Small  
Lung  
Uterus

Mesentery Nos

Endometrium

Fibrous Osteodystrophy  
Necrosis, Fat  
Pneumonia, Chronic Murine  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_042

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain		Calcification, Focal
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_043

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_044

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_045

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone  
Lung  
Mammary gland  
Uterus

Endometrium

Fibrous Osteodystrophy  
Hyperplasia, Alveolar Epithelium  
Adenoma, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_046

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic
		Metaplasia, Squamous

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_048

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Bone marrow		Atrophy, Nos
Brain		Hydrocephalus, Nos
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_049

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Lung		Pneumonia, Chronic Murine
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_050

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone  
Lung

Fibrous Osteodystrophy  
Pneumonia, Aspiration  
Pneumonia, Chronic Murine  
Hyperplasia, Cystic

Uterus

Endometrium

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_001

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Lung  
Thyroid  
Unspecified

Multiple Organs Nos

Fibrosis, Myelo  
Inflammation, Interstitial  
Atrophy, Focal  
Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_002

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

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone marrow  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Leukemia, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_003

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Ovary  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Cyst, Parovarian  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_004

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_005

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

**SEX:** Female  
**DISP:** Natural Death

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

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
		Necrosis, Coagulative
Thyroid		Follicular-Cell Adenoma
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_006

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Liver		Fibrosis
		Necrosis, Coagulative
Pancreas	Acinus	Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_007

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
Lung		Inflammation, Interstitial
Salivary gland		Lymphocytic Inflammatory Infiltrate
Thymus		Hyperplasia, Lymphoid
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_008

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Intestine Small  
Kidney  
Urinary bladder  
Uterus

Mesentery Nos

Endometrium

Fibrosis, Myelo  
Cyst, Nos  
Lymphocytic Inflammatory Infiltrate  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_009

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Heart		Arteriosclerosis, Nos
Liver		Hepatocellular Carcinoma
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_010

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

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Brain	Thalamus	Calculus, Unknown Gross Or Micro Hemosiderosis
Lung		Hemosiderosis
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_011

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Kidney  
Lung  
Uterus

Endometrium

Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Inflammation, Interstitial  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_012

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Pituitary gland  
Unspecified  
  
Uterus

Multiple Organs Nos  
Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Focal Cellular Change  
Lymphocytic Inflammatory Infiltrate  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_013

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Inflammation, Interstitial
Mammary gland		Dilatation, Ducts
Ovary		Cyst, Follicular Nos
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_014

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_015

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Heart  
Unspecified  
Uterus

Cardiac Valve  
Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Pigmentation, Nos  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_016

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_017

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Inflammation, Interstitial
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_018

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung		Inflammation, Interstitial
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_019

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung		Inflammation, Interstitial
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_020

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Hematopoiesis
Lymph node		Hematopoiesis
		Plasmacytosis
Pituitary gland		Focal Cellular Change
Spleen		Hematopoiesis
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Endometrial Stromal Sarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_021

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

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Unspecified  
Urinary bladder

Multiple Organs Nos

Leukemia, Nos  
Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_022

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

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Intestine Large	Cecum, Colon	Leiomyosarcoma
Liver		Sarcoma, Nos, Metastatic
Lung		Sarcoma, Nos, Metastatic
Ovary		Cyst, Hemorrhagic
Unspecified	Leg	Sarcoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_023

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_024

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Kidney  
Liver  
Lung  
Urinary bladder  
Uterus

Endometrium

Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Lymphocytic Inflammatory Infiltrate  
Inflammation, Interstitial  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_025

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Inflammation, Multifocal
Lung		Inflammation, Interstitial
Thyroid		Atrophy, Focal
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_026

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Kidney  
Uterus

Endometrium

Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_027

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Kidney  
Lung  
Urinary bladder  
Uterus

Endometrium

Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Inflammation, Interstitial  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_028

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Meninges	Pigmentation, Nos
Ovary		Cyst, Parovarian
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_029

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

**SEX:** Female  
**DISP:** Accidentally Killed

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

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**OBSERVATIONS**

Bone	Vertebral Column	Osteosarcoma
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Kidney		Osteosarcoma, Metastatic
Lung		Osteosarcoma, Metastatic
Lymph node	Mediastinal Lymph Node	Hemorrhage
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_030

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung		Hemorrhage
Ovary		Cyst, Parovarian
		Mineralization
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_031

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung		Hemorrhage
Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_032

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Brain  
Unspecified  
Uterus

Thalamus  
Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Calculus, Unknown Gross Or Micro  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_033

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

**SEX:** Female  
**DISP:** Natural Death

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

**OBSERVATIONS**

Bone	Rib	Osteosarcoma
Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Inflammation, Granulomatous
Kidney		Cyst, Nos
Lung		Osteosarcoma, Metastatic
Unspecified	Mediastinum Nos	Osteosarcoma, Metastatic
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_034

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Cytoplasmic Change, Ground-Glass
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_035

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_036

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

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Stomach  
Unspecified

Multiple Organs Nos

Ulcer, Nos  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_037

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

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Harderian gland	Hardarian Gland	Adenoma, Nos
Liver		Necrosis, Nos
Unspecified	Multiple Organs Nos	Leukemia, Nos
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_038

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Thyroid  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Atrophy, Focal  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_039

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

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone	Sternum	Fibrosis, Myelo
	Vertebral Column	Osteosarcoma
Lung		Osteosarcoma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_040

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Bone	Sternum	Necrosis, Nos
Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Cytoplasmic Change, Ground-Glass
Lung		Inflammation, Interstitial
Ovary		Cyst, Parovarian
Spleen		Hyperplasia, Lymphoid
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_041

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Thyroid  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Atrophy, Focal  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_042

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Blood vessel  
Eye  
Liver  
Lung

Aorta Nos

Mineralization  
Abscess, Nos  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma, Metastatic  
Pneumonia, Aspiration  
Hemorrhage  
Cyst, Follicular Nos

Lymph node  
Ovary

Mesenteric Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_043

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Brain  
Unspecified  
Uterus

Thalamus  
Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Calculus, Unknown Gross Or Micro  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_044

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Ovary		Cyst, Parovarian
Pituitary gland		Focal Cellular Change
Thyroid		Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_045

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_046

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow  
Lung  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Fibrosis, Myelo  
Inflammation, Interstitial  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_047

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

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Lung		Hemorrhage
Ovary		Abscess, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Cystic
		Polyangiitis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_048

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Lung		Inflammation, Interstitial
Lymph node	Renal Lymph Node	Hyperplasia, Lymphoid
	Inguinal Lymph Node	Lymphoma, Histiocytic-Malignant Type
Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_049

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

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Bone	Osteosarcoma
Kidney	Lymphocytic Inflammatory Infiltrate
Lung	Osteosarcoma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50533  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4- & 2,6-Toluene diisocyanate  
**CAS Number:** 26471-62-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_050

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

**SEX:** Female  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Brain	Thalamus	Calculus, Unknown Gross Or Micro
Liver		Cytoplasmic Change, Ground-Glass
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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