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<tr>
<td><strong>Route:</strong></td>
<td>GAVAGE</td>
</tr>
<tr>
<td><strong>Species/Strain:</strong></td>
<td>Mouse/FVB/N</td>
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**C Number:** | C97011H |
| **Lock Date:** | 03/30/1999 |
| **Cage Range:** | All |
| **Date Range:** | All |
| **Reasons For Removal:** | All |
| **Removal Date Range:** | All |
| **Treatment Groups:** | All |
| **Study Gender:** | Both |
| **PWG Approval Date:** | NONE |
### Antimicrobial Effects

#### FVB/N Mouse Male 0 UG/KG

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#### *TOTALS*

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* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
I ..Insufficient tissue

---

**Experiment Number:** 97011-10  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/FVB/N  
**Test Compound:** Transgenic model evaluation (DES)  
**CAS Number:** 56-53-1  
**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 18:00:34  
**First Dose M/F:** NA / NA  
**Lab:** BAT
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Transgenic model evaluation (DES)

**CAS Number:** 56-53-1

**Date Report Requested:** 10/22/2014
**Time Report Requested:** 18:00:34
**First Dose M/F:** NA / NA
**Lab:** BAT

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*..Total animals with tissue examined microscopically; Total animals with tumor
M..Missing tissue
+..Tissue examined microscopically
A..Autolysis precludes evaluation
X..Lesion present
I..Insufficient tissue
BLANK ..Not examined microscopically

**Nervous System**
NONE

**Respiratory System**
NONE

**Special Senses System**
NONE

**Urinary System**
NONE

**SYSTEMIC LESIONS**

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Test Type: 14-DAY  
Route: GAVAGE  
Species/Strain: Mouse/FVB/N

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Transgenic model evaluation (DES)  
**CAS Number:** 56-53-1

**Date Report Requested:** 10/22/2014  
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**First Dose M/F:** NA / NA  
**Lab:** BAT

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**FVB/N Mouse Male**  
**30 UG/KG**

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*TOTALS*

**Alimentary System**

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**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex  
+ 1

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin  
+ + + + + 5

**Musculoskeletal System**

NONE

**Nervous System**

* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
BLANK ..Not examined microscopically  
I ..Insufficient tissue
Experiment Number: 97011-10  
Test Type: 14-DAY  
Route: GAVAGE  
Species/Strain: Mouse/FVB/N  

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
Test Compound: Transgenic model evaluation (DES)  
CAS Number: 56-53-1  

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**TOTALS**

**NONE**

Respiratory System  
**NONE**

Special Senses System  
**NONE**

Urinary System  
**NONE**

**SYSTEMIC LESIONS**

- Multiple Organ: + + + + + 5

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
M ..Missing tissue  
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X ..Lesion present  
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FVB/N Mouse Male
60 UG/KG

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Alimentary System
- Liver  
  + + + + +  5
- Stomach, Forestomach  
  + + + + +  5

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
NONE

Hematopoietic System
NONE

Integumentary System
- Skin  
  + + + + +  5

Musculoskeletal System
NONE

Nervous System

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Transgenic model evaluation (DES)

**CAS Number:** 56-53-1

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**FVB/N Mouse Male**

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**SYSTEMIC LESIONS**

| Multiple Organ | + | + | + | + | 5 |

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

---

**Experiment Number:** 97011-10

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/FVB/N

---

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 18:00:34

**First Dose M/F:** NA / NA

**Lab:** BAT
**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Transgenic model evaluation (DES)

**CAS Number:** 56-53-1

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**ANIMAL ID**

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**TOTALS**

### Alimentary System

- **Liver**
  - + + + + +
  - 5
- **Stomach, Forestomach**
  - + + + + +
  - 5

### Cardiovascular System

- NONE

### Endocrine System

- NONE

### General Body System

- NONE

### Genital System

- NONE

### Hematopoietic System

- NONE

### Integumentary System

- **Skin**
  - + + + + +
  - 5

### Musculoskeletal System

- NONE

### Nervous System

---

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**FVB/N Mouse Male**

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**TOTALS**

- **Respiratory System**: NONE
- **Special Senses System**: NONE
- **Urinary System**: NONE
- **SYSTEMIC LESIONS**: NONE

**Multiple Organ**: + + + + + 5

---

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+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**Experiment Number:** 97011-10

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/FVB/N

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**Test Compound:** Transgenic model evaluation (DES)

**CAS Number:** 56-53-1

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 18:00:34

**First Dose M/F:** NA / NA

**Lab:** BAT

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### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**FVB/N Mouse Male**

**180 UG/KG**

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**Alimentary System**

- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

- Skin: + + + + + 5

**Musculoskeletal System**

NONE

**Nervous System**

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Transgenic model evaluation (DES)

**CAS Number:** 56-53-1

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**FVB/N Mouse Male**

### ANIMAL ID

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*TOTALS* NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ + + + + + 5

*..Total animals with tissue examined microscopically; Total animals with tumor
+..Tissue examined microscopically
A..Autolysis precludes evaluation
BLANK ..Not examined microscopically
I ..Insufficient tissue
M ..Missing tissue
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 18:00:34
First Dose M/F: NA / NA
Lab: BAT

FVB/N Mouse Male
240 UG/KG

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Alimentary System
- Liver + + + + + 5
- Stomach, Forestomach + + + + + 5

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
- Epididymis + + + + + 5
- Prostate + + + + + 5
- Testes + + + + + 5

Hematopoietic System
NONE

Integumentary System
- Skin + + + + + 5

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Page 12
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N
P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1
Date Report Requested: 10/22/2014
Time Report Requested: 18:00:34
First Dose M/F: NA / NA
Lab: BAT

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*TOTALS

NONE

Nervous System
  NONE

Respiratory System
  NONE

Special Senses System
  NONE

Urinary System
  NONE

SYSTEMIC LESIONS

Multiple Organ
  + + + + +

5

***END OF MALE DATA***

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
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I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
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**Experiment Number:** 97011-10  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/FVB/N

### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Transgenic model evaluation (DES)  
**CAS Number:** 56-53-1  
**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 18:00:34  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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### Alimentary System

- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

### Cardiovascular System

NONE

### Endocrine System

NONE

### General Body System

NONE

### Genital System

- Ovary: + + + + + 5
- Uterus: + + + + + 5

### Hematopoietic System

NONE

### Integumentary System

- Skin: + + + + + 5

### Musculoskeletal System

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
BLANK ..Not examined microscopically  
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Experiment Number: 97011-10
Test Type: 14-DAY
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Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

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*TOTALS

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ
+  +  +  +  +  5

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
A ..Autolysis precludes evaluation
M ..Missing tissue
X ..Lesion present
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FVB/N Mouse Female
30 UG/KG

ANIMAL ID
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*TOTALS

Alimentary System
- Liver + + + + + 5
- Stomach, Forestomach + + + + + 5

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
NONE

Hematopoietic System
NONE

Integumentary System
- Skin + + + + + 5

Musculoskeletal System
NONE

Nervous System

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Lab: BAT

DAYS ON TEST

FVB/N Mouse Female
30 UG/KG

ANIMAL ID

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*TOTALS

NONE
Respiratory System
NONE
Special Senses System
NONE
Urinary System
NONE
SYSTEMIC LESIONS

Multiple Organ + + + + + 5

* ..Total animals with tissue examined microscopically; Total animals with tumor
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* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

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* *TOTALS

NONE

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
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FVB/N Mouse Female
120 UG/KG

ANIMAL ID

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*TOTALS

Alimentary System

Liver + + + + + 5
Stomach, Forestomach + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin + + + + + 5

Musculoskeletal System

NONE

Nervous System


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*TOTALS*

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**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

| Multiple Organ | + | + | + | + | + | 5 |

---

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M ..Missing tissue
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I ..Insufficient tissue
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Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 18:00:34
First Dose M/F: NA / NA
Lab: BAT

DAY ON TEST

FVB/N Mouse Female
180 UG/KG

ANIMAL ID

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*TOTALS

<table>
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<tr>
<th></th>
<th>Liver</th>
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<th>Stomach, Forestomach</th>
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Alimentary System

Liver + + + + + 5
Stomach, Forestomach + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin + + + + + 5

Musculoskeletal System

NONE

Nervous System

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
M ..Missing tissue
A ..Autolysis precludes evaluation
X ..Lesion present
BLANK ..Not examined microscopically
I ..Insufficient tissue
### Experiment Details

**Experiment Number:** 97011-10  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/FVB/N

**Test Compound:** Transgenic model evaluation (DES)  
**CAS Number:** 56-53-1

**Date Report Requested:** 10/22/2014  
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**First Dose M/F:** NA / NA  
**Lab:** BAT

---

### Neoplasms by Individual Animal (Systemic Lesions Abridged)

#### Respiratory System
- **FVB/N Mouse Female**  
  **180 UG/KG**  
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**TOTALS**

- NONE

#### Special Senses System
- NONE

#### Urinary System
- NONE

#### Systemic Lesions
- **Multiple Organ**
  - **5 Total animals with tissue examined microscopically:**  
  - **5 Total animals with tumor**
  - **1 Tissue examined microscopically**
  - **1 Lesion present**
  - **1 Insufficient tissue**
  - **5 Missing tissue**
  - **5 Autolysis precludes evaluation**
  - **5 Not examined microscopically**
Experiment Number: 97011-10
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/FVB/N

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FVB/N Mouse Female
240 UG/KG

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*TOTALS

Alimentary System

- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

- Ovary: + + + + + 5
- Uterus: + + + + + 5

Hematopoietic System

NONE

Integumentary System

- Skin: + + + + + 5

Musculoskeletal System

NONE

* .Total animals with tissue examined microscopically; Total animals with tumor
+ .Tissue examined microscopically
X .Lesion present
I .Insufficient tissue
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Experiment Number: 97011-10
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**TOTALS**

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with tumor
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