Experiment Number: 93020-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Diisopropylcarbodilimide
CAS Number: 693-13-0

Date Report Requested: 10/16/2014
Time Report Requested: 01:04:59
First Dose M/F: NA / NA
Lab: MBA

C Number: C93020
Lock Date: 05/16/1995
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date NONE
**Experiment Number:** 93020-01  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N  

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Diisopropylcarbodiimide  
**CAS Number:** 693-13-0  
**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 01:04:59  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**F 344/N Rat Male**  
**VEHICLE CONTROL**

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* **TOTALS**

### Alimentary System

- Liver  
  + + + + +  
  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

- Brain  
  + + + + +  
  5

---

* ..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
**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

**Test Compound:** Diisopropylcarbodiimide  
**CAS Number:** 693-13-0

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**F 344/N Rat Male**  
**VEHICLE CONTROL**

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<td>Multiple Organ</td>
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* ..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: 93020-01  
Test Type: 14-DAY  
Route: SKIN APPLICATION  
Species/Strain: Rat/F 344/N  

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**F 344/N Rat Male**  
**10 MG/ML**

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*TOTALS*  

**Alimentary System**  
Liver  
- + + + +  
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**  
Brain  
- + + + +  
5

* ..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
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<th>ANIMAL ID</th>
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<th>RESPIRATORY SYSTEM</th>
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<th>URINARY SYSTEM</th>
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**TOTALS**

Spinal Cord: 5
Respiratory System: 5
Special Senses System: 5
Urinary System: 5
Systemic Lesions: 5

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
M ..Missing tissue
A ..Autolysis precludes evaluation
X ..Lesion present
I ..Insufficient tissue
BLANK ..Not examined microscopically
**Experiment Number:** 93020-01  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N  
**Test Compound:** Diisopropylcarbodiimide  
**CAS Number:** 693-13-0

---

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 01:04:59  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**Alimentary System**
- **Liver:** + + + + +  
  5

**Cardiovascular System**
- **NONE**

**Endocrine System**
- **NONE**

**General Body System**
- **NONE**

**Genital System**
- **NONE**

**Hematopoietic System**
- **NONE**

**Integumentary System**
- **Skin:** + + + + +  
  5
- **Skin, Control:** +  
  1

**Musculoskeletal System**
- **NONE**

**Nervous System**
- **NONE**

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
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BLANK ..Not examined microscopically
Experiment Number: 93020-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Diisopropylcarbodiimide
CAS Number: 693-13-0

Date Report Requested: 10/16/2014
Time Report Requested: 01:04:59
First Dose M/F: NA / NA
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*TOTALS*

- Brain: + + + + + 5
- Spinal Cord: + + + + + 5

Respiratory System
- Lung: + + + + + 5

Special Senses System
- NONE

Urinary System
- Kidney: + + + + + 5

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:** 93020-01  
**Test Type:** 14-DAY  
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**Species/Strain:** Rat/F 344/N

**Test Compound:** Diisopropylcarbodiimide  
**CAS Number:** 693-13-0

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<td>Endocrine System</td>
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<td>General Body System</td>
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<td>Genital System</td>
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* ..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 8
Experiment Number: 93020-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Diisopropylcarbodiimide
CAS Number: 693-13-0

Date Report Requested: 10/16/2014
Time Report Requested: 01:05:00
First Dose M/F: NA / NA
Lab: MBA

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F 344/N Rat Male
90 MG/ML

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**TOTALS**

**Nervous System**

- Brain: + + + + + 5
- Spinal Cord: + + + + + 5

**Respiratory System**

- Lung: + + + + + 5

**Special Senses System**

- NONE

**Urinary System**

- Kidney: + + + + + 5

**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
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* ..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
DAY ON TEST

F 344/N Rat Male
269    MG/ML

ANIMAL ID

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ

0

* ..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
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Diisopropylcarbodiimide
CAS Number: 693-13-0

Experiment Number: 93020-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Date Report Requested: 10/16/2014
Time Report Requested: 01:05:00
First Dose M/F: NA / NA
Lab: MBA

---

DAILY ON TEST
F 344/N Rat Male
806 MG/ML

ANIMAL ID

*TOTALS

Alimentary System
NONE

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
NONE

Hematopoietic System
NONE

Integumentary System
NONE

Musculoskeletal System
NONE

Nervous System
NONE

* 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
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**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

- Multiple Organ: 0

***END OF MALE DATA***

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* ..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: 93020-01

**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

#### Test Compound: Diisopropylcarbodiimide  
**CAS Number:** 693-13-0

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**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 01:05:00  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**F 344/N Rat Female  
VEHICLE CONTROL**

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**ANIMAL ID**  
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**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

**DAYS ON TEST**

#### Alimentary System

- **Liver**
  - + + + + + 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

- **Brain**
  - + + + + + 5

---

* ..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: 93020-01  
Test Type: 14-DAY  
Route: SKIN APPLICATION  
Species/Strain: Rat/F 344/N  

### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Diisopropylcarbodiimide  
CAS Number: 693-13-0  

Date Report Requested: 10/16/2014  
Time Report Requested: 01:05:00  
First Dose M/F: NA / NA  
Lab: MBA

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*TOTALS*

| Spinal Cord | + + + + + | 5 |
| Respiratory System | + + + + + | 5 |
| Special Senses System | NONE |
| Urinary System | Kidney | + + + + + | 5 |
| Multiple Organ | + + + + + | 5 |

**SYSTEMIC LESIONS**

- Spinal Cord
- Respiratory System
- Special Senses System
- Urinary System
- Kidney
- Multiple Organ

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
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Experiment Number: 93020-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N
Test Compound: Diisopropylcarbodiimide
CAS Number: 693-13-0

Date Report Requested: 10/16/2014
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First Dose M/F: NA / NA
Lab: MBA

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F 344/N Rat Female
10 MG/ML

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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
M ..Missing tissue
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**F 344/N Rat Female**

**10 MG/ML**

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*TOTALS*

**Spinal Cord**

* + + + + + 5

**Respiratory System**

**Lung**

* + + + + + 5

**Special Senses System**

**NONE**

**Urinary System**

**Kidney**

* + + + + + 5

**SYSTEMIC LESIONS**

**Multiple Organ**

* + + + + + 5

---

* ..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

Page 17
Experiment Number: 93020-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Compound: Diisopropylcarbodiimide
CAS Number: 693-13-0

Date Report Requested: 10/16/2014
Time Report Requested: 01:05:00
First Dose M/F: NA / NA
Lab: MBA

---

Day on Test

F 344/N Rat Female
30 MG/ML

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Alimentary System

Liver

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin

Musculoskeletal System

NONE

Nervous System

Brain

---

*TOTALS*

5

5

5

5

* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
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Experiment Number: 93020-01  
Test Type: 14-DAY  
Route: SKIN APPLICATION  
Species/Strain: Rat/F 344/N  

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Diisopropylcarbodiimide  
CAS Number: 693-13-0

Date Report Requested: 10/16/2014  
Time Report Requested: 01:05:00  
First Dose M/F: NA / NA  
Lab: MBA

**F 344/N Rat Female  
30 MG/ML**

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* *TOTALS*  

**Spinal Cord**  
+ + + + +  
5

**Respiratory System**  

**Lung**  
+ + + + +  
5

**Special Senses System**  

**NONE**  

**Urinary System**  

**Kidney**  
+ + + + +  
5

**SYSTEMIC LESIONS**

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

---

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Diisopropylcarbodiimide
CAS Number: 693-13-0

F 344/N Rat Female
90 MG/ML

Animal ID
0 0 0 0 0
5 5 5 5 5

Day on Test
0 0 0 0 0
0 0 0 0 0
0 0 0 0 0
5 5 5 5 5

*Totals

Alimentary System
Intestine Large, Colon + 1
Intestine Small, Duodenum + 1
Liver + + + + + 5

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
NONE

Hematopoietic System
NONE

Integumentary System
Skin + + + + + 5

Musculoskeletal System
NONE

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

Page 20
**Experiment Number:** 93020-01  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N  
**Test Compound:** Diisopropylcarbodiimide  
**CAS Number:** 693-13-0  
**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 01:05:00  
**First Dose M/F:** NA / NA  
**Lab:** MBA

### DAY ON TEST

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### Nervous System
- **Brain:** + + + + +  
- **Spinal Cord:** + + + + +

### Respiratory System
- **Lung:** + + + + +

### Special Senses System
- **NONE**

### Urinary System
- **Kidney:** + + + + +

### Systemic Lesions
- **Multiple Organ:** + + + + +

* ..Total animals with tissue examined microscopically; Total animals with tumor
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M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Page 21
**Day on Test**

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* ..Total animals with tissue examined microscopically; Total animals with tumor
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I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
### DAY ON TEST

#### F 344/N Rat Female

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*..Total animals with tissue examined microscopically; Total animals with tumor
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BLANK..Not examined microscopically

Page 23
### Experiment Number: 93020-01
#### Test Type: 14-DAY
- **Route:** SKIN APPLICATION
- **Species/Strain:** Rat/F 344/N

---

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

- **Test Compound:** Diisopropylcarbodiimide
- **CAS Number:** 693-13-0

---

**Date Report Requested:** 10/16/2014
- **Time Report Requested:** 01:05:00
- **First Dose M/F:** NA / NA
- **Lab:** MBA

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#### DAY ON TEST

**F 344/N Rat Female**

| ANIMAL ID | 806 | MG/ML |

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#### *TOTALS*

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X ..Lesion present
I ..Insufficient tissue
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Page 24
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**..Total animals with tissue examined microscopically; Total animals with tumor**

**..Missing tissue**

**..Tissue examined microscopically**

**..Autolysis precludes evaluation**

**..Lesion present**

**..Insufficient tissue**

**..Not examined microscopically**