

Experiment Number: 20301-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 10/22/2014
Time Report Requested: 15:04:14
First Dose M/F: NA / NA
Lab: MBA

C Number: C20301
Lock Date: Not Entered.
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: 20301-01
 Test Type: 14-DAY
 Route: DOSED FEED
 Species/Strain: Rat/F344/N Tac

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

**F344/N Tac Rat Male
 VEHICLE CONTROL**

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	1	2	3	4	5
	*TOTALS				

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

Testes + + + + + 5

Hematopoietic System

Thymus + + + + + 5

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

**F344/N Tac Rat Male
 VEHICLE CONTROL**

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	1	2	3	4	5

***TOTALS**

Respiratory System

Lung + + + + + 5

Special Senses System

NONE

Urinary System

Kidney + + + + + 5

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

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CAS Number: 70-55-3

Date Report Requested: 10/22/2014
Time Report Requested: 15:04:14
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Male
750 PPM

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
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First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Male
750 PPM

ANIMAL ID

*TOTALS

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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CAS Number: 70-55-3

Date Report Requested: 10/22/2014
Time Report Requested: 15:04:14
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Male
1500 PPM

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
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First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Male
1500 PPM

ANIMAL ID

*TOTALS

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

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CAS Number: 70-55-3

Date Report Requested: 10/22/2014
Time Report Requested: 15:04:15
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Male
3000 PPM

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
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First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Male
3000 PPM

ANIMAL ID

*TOTALS

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
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Date Report Requested: 10/22/2014
 Time Report Requested: 15:04:15
 First Dose M/F: NA / NA
 Lab: MBA

**F344/N Tac Rat Male
 10000 PPM**

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	2
	1	2	3	4	5
	*TOTALS				

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

Testes + + + + + 5

Hematopoietic System

Thymus + + + + + 5

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
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 Time Report Requested: 15:04:15
 First Dose M/F: NA / NA
 Lab: MBA

**F344/N Tac Rat Male
 10000 PPM**

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	2
	1	2	3	4	5
	*TOTALS				

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
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M ..Missing tissue
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Date Report Requested: 10/22/2014
 Time Report Requested: 15:04:15
 First Dose M/F: NA / NA
 Lab: MBA

**F344/N Tac Rat Male
 30000 PPM**

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	3
	6	7	8	9	0
	*TOTALS				

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

Testes + + + + + 5

Hematopoietic System

Thymus + + + + + 5

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

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 A ..Autolysis precludes evaluation
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Date Report Requested: 10/22/2014
 Time Report Requested: 15:04:15
 First Dose M/F: NA / NA
 Lab: MBA

**F344/N Tac Rat Male
 30000 PPM**

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	3
	6	7	8	9	0
	*TOTALS				

Respiratory System

Lung + + + + + 5

Special Senses System

NONE

Urinary System

Kidney + + + + + 5

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
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Date Report Requested: 10/22/2014
 Time Report Requested: 15:04:15
 First Dose M/F: NA / NA
 Lab: MBA

F344/N Tac Rat Female VEHICLE CONTROL	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
	1	1	1	1	1	1
	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	3	3	3	3	3	3
	1	2	3	4	5	
						*TOTALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus + + + + + 5

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
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 Time Report Requested: 15:04:15
 First Dose M/F: NA / NA
 Lab: MBA

F344/N Tac Rat Female VEHICLE CONTROL	DAY ON TEST	0	0	0	0	0	*TOTALS
		0	0	0	0	0	
	1	1	1	1	1	1	
	5	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	0	
	0	0	0	0	0	0	
	0	0	0	0	0	0	
	3	3	3	3	3	3	
	1	2	3	4	5	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
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Experiment Number: 20301-01
Test Type: 14-DAY
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Species/Strain: Rat/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 10/22/2014
Time Report Requested: 15:04:15
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Female
750 PPM

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
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Experiment Number: 20301-01
Test Type: 14-DAY
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Species/Strain: Rat/F344/N Tac

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CAS Number: 70-55-3

Date Report Requested: 10/22/2014
Time Report Requested: 15:04:15
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Female
750 PPM

ANIMAL ID

*TOTALS

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
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Experiment Number: 20301-01
Test Type: 14-DAY
Route: DOSED FEED
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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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CAS Number: 70-55-3

Date Report Requested: 10/22/2014
Time Report Requested: 15:04:15
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Female
1500 PPM

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
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I ..Insufficient tissue

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First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Female
1500 PPM

ANIMAL ID

*TOTALS

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
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Date Report Requested: 10/22/2014
Time Report Requested: 15:04:15
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Female
3000 PPM

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

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First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Female
3000 PPM

ANIMAL ID

*TOTALS

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
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 Time Report Requested: 15:04:15
 First Dose M/F: NA / NA
 Lab: MBA

F344/N Tac Rat Female 10000 PPM	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
	1	1	1	1	1	1
	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	5	5	5	5	5	5
	1	2	3	4	5	5
						*TOTALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus + + + + + 5

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
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 First Dose M/F: NA / NA
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F344/N Tac Rat Female 10000 PPM	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		5	5	5	5	5
	ANIMAL ID	0	0	0	0	0
	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	5	
	1	2	3	4	5	
	*TOTALS					

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
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Experiment Number: 20301-01

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Test Type: 14-DAY

Test Compound: p-Toluenesulfonamide

Time Report Requested: 15:04:15

Route: DOSED FEED

CAS Number: 70-55-3

First Dose M/F: NA / NA

Species/Strain: Rat/F344/N Tac

Lab: MBA

F344/N Tac Rat Female	30000 PPM	DAY ON TEST	0	0	0	0	0
			0	0	0	0	0
			1	1	1	1	1
			5	5	5	5	5
			5	5	5	5	5
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		5	5	5	5	6	
		6	7	8	9	0	
						*TOTALS	

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus + + + + + 5

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

Experiment Number: 20301-01
 Test Type: 14-DAY
 Route: DOSED FEED
 Species/Strain: Rat/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: p-Toluenesulfonamide
 CAS Number: 70-55-3

Date Report Requested: 10/22/2014
 Time Report Requested: 15:04:15
 First Dose M/F: NA / NA
 Lab: MBA

F344/N Tac Rat Female 30000 PPM	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
	1	1	1	1	1	1
	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	5	5	5	5	5	6
	6	7	8	9		0
						*TOTALS

Respiratory System						
Lung	+	+	+	+	+	5
Special Senses System						
NONE						
Urinary System						
Kidney	+	+	+	+	+	5
SYSTEMIC LESIONS						
Multiple Organ	+	+	+	+	+	5

**** END OF REPORT ****

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
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