

**Experiment Number:** 92013-02  
**Test Type:** 14-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** 4-Methylimidazole  
**CAS Number:** 822-36-6

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:12:54  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**C Number:** C92013  
**Lock Date:** 01/12/1995  
**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: 92013-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: 14-DAY

Test Compound: 4-Methylimidazole

Time Report Requested: 17:12:54

Route: DOSED FEED

CAS Number: 822-36-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

<b>B6C3F1 Mouse Male VEHICLE CONTROL</b>	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	<b>*TOTALS</b>	

**Alimentary System**

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

**Cardiovascular System**

Heart	+	+	+	+	+	5
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**Endocrine System**

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5

**General Body System**

NONE

**Genital System**

Testes	+	+	+	+	+	5
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**Hematopoietic System**

Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5

**Integumentary 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

Experiment Number: 92013-02  
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 First Dose M/F: NA / NA  
 Lab: MBA

<b>B6C3F1 Mouse Male</b> <b>VEHICLE CONTROL</b>	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	<b>*TOTALS</b>	

NONE							
<b>Musculoskeletal System</b>							
NONE							
<b>Nervous System</b>							
Brain	+	+	+	+	+		5
<b>Respiratory System</b>							
Lung	+	+	+	+	+		5
<b>Special Senses System</b>							
NONE							
<b>Urinary System</b>							
Kidney	+	+	+	+	+		5
<b>SYSTEMIC LESIONS</b>							
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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**Date Report Requested:** 10/16/2014  
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**First Dose M/F:** NA / NA  
**Lab:** MBA

DAY ON TEST

**B6C3F1 Mouse Male**  
**300 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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+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

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Time Report Requested: 17:12:54  
First Dose M/F: NA / NA  
Lab: MBA

DAY ON TEST

**B6C3F1 Mouse Male**  
**300 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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**First Dose M/F:** NA / NA  
**Lab:** MBA

DAY ON TEST

**B6C3F1 Mouse Male**  
**800 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  
BLANK ..Not examined microscopically

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

DAY ON TEST

**B6C3F1 Mouse Male**  
**800 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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BLANK ..Not examined microscopically

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 Time Report Requested: 17:12:54  
 First Dose M/F: NA / NA  
 Lab: MBA

		DAY ON TEST					
<b>B6C3F1 Mouse Male</b>	<b>2500 PPM</b>	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	
		1	1	1	1	2	
		6	7	8	9	0	<b>*TOTALS</b>

**Alimentary System**

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

**Cardiovascular System**

Heart	+	+	+	+	+	5
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**Endocrine System**

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Pituitary Gland	+	+		+	+	4
Thyroid Gland	+	+	+	+		4

**General Body System**

NONE

**Genital System**

Testes	+	+	+	+	+	5
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**Hematopoietic System**

Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5

**Integumentary System**

\* ..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: 92013-02  
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 Route: DOSED FEED  
 Species/Strain: Mouse/B6C3F1

**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
 Test Compound: 4-Methylimidazole  
 CAS Number: 822-36-6

Date Report Requested: 10/16/2014  
 Time Report Requested: 17:12:54  
 First Dose M/F: NA / NA  
 Lab: MBA

**B6C3F1 Mouse Male**  
**2500 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
	1	1	1	1	2
	6	7	8	9	0

**\*TOTALS**

NONE					
<b>Musculoskeletal System</b>					
NONE					
<b>Nervous System</b>					
Brain	+	+	+	+	5
<b>Respiratory System</b>					
Lung	+	+	+	+	5
<b>Special Senses System</b>					
NONE					
<b>Urinary System</b>					
Kidney	+	+	+	+	5
<b>SYSTEMIC LESIONS</b>					
Multiple Organ	+	+	+	+	5

\*\*\*END OF MALE DATA\*\*\*

\* ..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: 92013-02  
 Test Type: 14-DAY  
 Route: DOSED FEED  
 Species/Strain: Mouse/B6C3F1

**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
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 Time Report Requested: 17:12:54  
 First Dose M/F: NA / NA  
 Lab: MBA

B6C3F1 Mouse 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
	2	2	2	2	2	2
	1	2	3	4	5	
						<b>*TOTALS</b>

**Alimentary System**

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

**Cardiovascular System**

Heart	+	+	+	+	+	5
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**Endocrine System**

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5

**General Body System**

NONE

**Genital System**

Ovary	+	+	+	+	+	5
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**Hematopoietic System**

Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5

**Integumentary System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
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Test Compound: 4-Methylimidazole

Time Report Requested: 17:12:54

Route: DOSED FEED

CAS Number: 822-36-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

<b>B6C3F1 Mouse Female</b>	<b>VEHICLE CONTROL</b>	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		<b>*TOTALS</b>

NONE						
<b>Musculoskeletal System</b>						
NONE						
<b>Nervous System</b>						
Brain	+	+	+	+	+	5
<b>Respiratory System</b>						
Lung	+	+	+	+	+	5
<b>Special Senses System</b>						
NONE						
<b>Urinary System</b>						
Kidney	+	+	+	+	+	5
<b>SYSTEMIC LESIONS</b>						
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: 10/16/2014  
Time Report Requested: 17:12:54  
First Dose M/F: NA / NA  
Lab: MBA

DAY ON TEST

**B6C3F1 Mouse Female**  
**300 PPM**

ANIMAL ID

\*TOTALS

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**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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Route: DOSED FEED  
Species/Strain: Mouse/B6C3F1

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

DAY ON TEST

**B6C3F1 Mouse Female**  
**300 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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**Lab:** MBA

DAY ON TEST

**B6C3F1 Mouse Female**  
**800 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

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A ..Autolysis precludes evaluation  
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Lab: MBA

DAY ON TEST

**B6C3F1 Mouse Female**  
**800 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  
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X ..Lesion present  
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 First Dose M/F: NA / NA  
 Lab: MBA

B6C3F1 Mouse Female 2500 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
	3	3	3	3	3	4
	6	7	8	9	0	
						*TOTALS

**Alimentary System**

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

**Cardiovascular System**

Heart	+	+	+	+	+	5
-------	---	---	---	---	---	---

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	M	+	M	+	+	3
Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5

**General Body System**

NONE

**Genital System**

Ovary	+	+	+	+	+	5
Uterus	+					1

**Hematopoietic System**

Spleen	+	+	+	+	+	5
Thymus	+	+	+	M	+	4

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