

**Experiment Number:** 92012-02  
**Test Type:** 14-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

**Test Compound:** 2-Methylimidazole  
**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:47:03  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**C Number:** C92012  
**Lock Date:** 08/31/1994  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date:** NONE

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**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)**

Test Compound: 2-Methylimidazole  
 CAS Number: 693-98-1

Date Report Requested: 10/15/2014  
 Time Report Requested: 13:47:03  
 First Dose M/F: NA / NA  
 Lab: MBA

B6C3F1 Mouse MALE	VEHICLE CONTROL	1200 PPM	3300 PPM	10000 PPM
<b>Disposition Summary</b>				
Animals Initially In Study	5	5	5	5
Early Deaths				
Survivors				
Terminal Sacrifice	5	5	5	5
Animals Examined Microscopically	5	5	5	5
<b>ALIMENTARY SYSTEM</b>				
Liver	(5)	(5)	(5)	(5)
Stomach, Forestomach	(5)	(0)	(0)	(5)
Stomach, Glandular	(5)	(0)	(0)	(5)
<b>CARDIOVASCULAR SYSTEM</b>				
Heart	(5)	(0)	(0)	(5)
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(5)	(0)	(0)	(5)
Adrenal Medulla	(4)	(0)	(0)	(5)
Pituitary Gland	(5)	(0)	(0)	(4)
Thyroid Gland	(5)	(5)	(5)	(5)
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
Testes	(5)	(0)	(0)	(5)
<b>HEMATOPOIETIC SYSTEM</b>				
Spleen	(5)	(5)	(5)	(5)
Thymus	(5)	(0)	(0)	(5)
<b>INTEGUMENTARY SYSTEM</b>				

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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<b>B6C3F1 Mouse MALE</b>	<b>VEHICLE CONTROL</b>	<b>1200 PPM</b>	<b>3300 PPM</b>	<b>10000 PPM</b>
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
Brain	(5)	(0)	(0)	(5)
RESPIRATORY SYSTEM				
Lung	(5)	(0)	(0)	(5)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(5)	(0)	(0)	(5)

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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**Lab:** MBA

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**B6C3F1 Mouse MALE**

**VEHICLE CONTROL**

**1200 PPM**

**3300 PPM**

**10000 PPM**

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**Tumor Summary for MALE**

**Total Animals with Primary Neoplasms (b)**

**Total Primary Neoplasms**

**Total Animals with Benign Neoplasms**

**Total Benign Neoplasms**

**Total Animals with Malignant Neoplasms**

**Total Malignant Neoplasms**

**Total Animals with Metastatic Neoplasms**

**Total Metastatic Neoplasms**

**Total Animals with Malignant Neoplasms  
Uncertain Primary Site**

**Total Animals with Neoplasms Uncertain -  
Benign or Malignant**

**Total Uncertain Neoplasms**

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

a - Number of animals examined microscopically at site and number of animals with lesion

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 Lab: MBA

B6C3F1 Mouse FEMALE	VEHICLE CONTROL	1200 PPM	3300 PPM	10000 PPM
<b>Disposition Summary</b>				
Animals Initially In Study	5	5	5	5
Early Deaths				
Survivors				
Terminal Sacrifice	5	5	5	5
Animals Examined Microscopically	5	5	5	5
<b>ALIMENTARY SYSTEM</b>				
Liver	(5)	(5)	(5)	(5)
Stomach, Forestomach	(5)	(0)	(0)	(5)
Stomach, Glandular	(5)	(0)	(0)	(5)
<b>CARDIOVASCULAR SYSTEM</b>				
Heart	(5)	(0)	(0)	(5)
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(5)	(0)	(0)	(5)
Adrenal Medulla	(3)	(0)	(0)	(4)
Pituitary Gland	(5)	(0)	(0)	(5)
Thyroid Gland	(5)	(5)	(5)	(5)
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
Ovary	(5)	(0)	(0)	(5)
<b>HEMATOPOIETIC SYSTEM</b>				
Spleen	(5)	(5)	(5)	(5)
Thymus	(5)	(0)	(0)	(5)
<b>INTEGUMENTARY SYSTEM</b>				

a - Number of animals examined microscopically at site and number of animals with lesion

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None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
Brain	(5)	(0)	(0)	(5)
RESPIRATORY SYSTEM				
Lung	(5)	(0)	(0)	(5)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(5)	(0)	(0)	(5)

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**B6C3F1 Mouse FEMALE**

**VEHICLE CONTROL**

**1200 PPM**

**3300 PPM**

**10000 PPM**

---

**Tumor Summary for FEMALE**

**Total Animals with Primary Neoplasms (b)**

**Total Primary Neoplasms**

**Total Animals with Benign Neoplasms**

**Total Benign Neoplasms**

**Total Animals with Malignant Neoplasms**

**Total Malignant Neoplasms**

**Total Animals with Metastatic Neoplasms**

**Total Metastatic Neoplasms**

**Total Animals with Malignant Neoplasms  
Uncertain Primary Site**

**Total Animals with Neoplasms Uncertain -  
Benign or Malignant**

**Total Uncertain Neoplasms**

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**\*\* END OF REPORT \*\***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically