

**Experiment Number:** 95003 - 04

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

**Date Report Requested:** 08/31/2016

**Test Type:** 90-DAY

Methyl trans-styryl ketone

**Time Report Requested:** 14:51:25

**Route:** SKIN APPLICATION

**CAS Number:** 1896-62-4

**First Dose M/F:** 12/13/01 / 12/14/01

**Species/Strain:** MICE/B6C3F1

**Lab:** MBA

**NTP Study Number:** C95003  
**Lock Date:** 01/08/2003  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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CAS Number: 1896-62-4

First Dose M/F: 12/13/01 / 12/14/01

Species/Strain: MICE/B6C3F1

Lab: MBA

B6C3F1 MICE MALE	VEHICLE CONTROL	87.5 MG/KG	175 MG/KG	350 MG/KG	700 MG/KG	1400 MG/KG
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Moribund Sacrifice					10	9
Natural Death						1
Survivors						
Accidentally Killed			1			
Terminal Sacrifice	10	10	9	10		
Animals Examined Microscopically	10	10	10	10	10	10

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(10)	(10)	(10)
Gallbladder	(8)	(0)	(0)	(10)	(10)	(9)
Intestine Large, Cecum	(10)	(0)	(0)	(10)	(10)	(9)
Intestine Large, Colon	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(10)	(10)	(9)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)	(10)	(9)
Intestine Small, Ileum	(10)	(0)	(0)	(10)	(10)	(8)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)	(10)	(8)
Liver	(10)	(0)	(0)	(10)	(10)	(10)
Pancreas	(10)	(0)	(0)	(10)	(10)	(10)
Salivary Glands	(10)	(0)	(0)	(10)	(10)	(10)
Stomach, Forestomach	(9)	(0)	(0)	(10)	(10)	(9)
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(9)
Tongue	(10)	(0)	(0)	(10)	(10)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(10)	(10)	(10)
Heart	(10)	(0)	(0)	(10)	(10)	(10)

## ENDOCRINE SYSTEM

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

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Lab: MBA

B6C3F1 MICE MALE	VEHICLE CONTROL	87.5 MG/KG	175 MG/KG	350 MG/KG	700 MG/KG	1400 MG/KG
Adrenal Cortex	(10)	(0)	(0)	(10)	(10)	(10)
Adrenal Medulla	(10)	(0)	(0)	(10)	(10)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(10)	(10)	(10)
Parathyroid Gland	(9)	(0)	(0)	(8)	(9)	(7)
Pituitary Gland	(8)	(0)	(0)	(10)	(7)	(7)
Thyroid Gland	(10)	(0)	(0)	(10)	(10)	(10)

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Epididymis	(10)	(0)	(0)	(10)	(10)	(10)
Preputial Gland	(10)	(0)	(0)	(10)	(10)	(9)
Prostate	(10)	(0)	(0)	(10)	(10)	(10)
Seminal Vesicle	(10)	(0)	(0)	(10)	(10)	(9)
Testes	(10)	(0)	(0)	(10)	(10)	(10)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(10)	(10)	(10)
Lymph Node, Mandibular	(9)	(0)	(0)	(10)	(10)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(10)	(10)	(10)
Spleen	(10)	(0)	(0)	(10)	(10)	(9)
Thymus	(10)	(0)	(0)	(10)	(10)	(9)

## INTEGUMENTARY SYSTEM

Skin	(10)	(10)	(10)	(10)	(10)	(10)
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## MUSCULOSKELETAL SYSTEM

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

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B6C3F1 MICE MALE	VEHICLE CONTROL	87.5 MG/KG	175 MG/KG	350 MG/KG	700 MG/KG	1400 MG/KG
Bone	(10)	(0)	(0)	(10)	(10)	(10)
Skeletal Muscle	(0)	(0)	(0)	(0)	(0)	(1)
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(10)	(10)	(10)
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Trachea	(8)	(0)	(0)	(10)	(10)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(10)	(10)	(10)
Harderian Gland	(10)	(0)	(0)	(10)	(10)	(10)
<b>URINARY SYSTEM</b>						
Kidney	(10)	(10)	(10)	(10)	(10)	(9)
Urinary Bladder	(10)	(0)	(0)	(10)	(10)	(9)

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

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

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Species/Strain: MICE/B6C3F1

Lab: MBA

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B6C3F1 MICE MALE

VEHICLE CONTROL

87.5 MG/KG

175 MG/KG

350 MG/KG

700 MG/KG

1400 MG/KG

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## Tumor Summary for Males

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 \*\*\*

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

b - Primary tumors: all tumors except metastatic tumors

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First Dose M/F: 12/13/01 / 12/14/01

Species/Strain: MICE/B6C3F1

Lab: MBA

B6C3F1 MICE FEMALE	VEHICLE CONTROL	87.5 MG/KG	175 MG/KG	350 MG/KG	700 MG/KG	1400 MG/KG
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Moribund Sacrifice					10	9
Natural Death						1
Survivors						
Terminal Sacrifice	10	10	10	10		
Animals Examined Microscopically	10	10	10	10	10	10

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(10)	(10)	(10)
Gallbladder	(7)	(0)	(0)	(10)	(10)	(7)
Intestine Large, Cecum	(10)	(0)	(0)	(10)	(10)	(9)
Intestine Large, Colon	(10)	(0)	(0)	(10)	(10)	(9)
Intestine Large, Rectum	(10)	(0)	(0)	(10)	(10)	(9)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)	(10)	(9)
Intestine Small, Ileum	(10)	(0)	(0)	(10)	(10)	(8)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)	(10)	(9)
Liver	(10)	(0)	(0)	(10)	(10)	(10)
Pancreas	(10)	(0)	(0)	(10)	(10)	(10)
Salivary Glands	(10)	(0)	(0)	(10)	(10)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)	(10)	(8)
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(8)
Tongue	(10)	(0)	(0)	(10)	(10)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(10)	(10)	(10)
Heart	(10)	(0)	(0)	(10)	(10)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
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B6C3F1 MICE FEMALE	VEHICLE CONTROL	87.5 MG/KG	175 MG/KG	350 MG/KG	700 MG/KG	1400 MG/KG
Adrenal Medulla	(10)	(0)	(0)	(10)	(10)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(10)	(10)	(10)
Parathyroid Gland	(8)	(0)	(0)	(5)	(3)	(4)
Pituitary Gland	(8)	(0)	(0)	(9)	(9)	(8)
Thyroid Gland	(10)	(0)	(0)	(10)	(10)	(8)

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Clitoral Gland	(10)	(0)	(0)	(10)	(9)	(5)
Ovary	(10)	(0)	(0)	(10)	(10)	(9)
Uterus	(10)	(9)	(10)	(10)	(10)	(9)
Polyp Stromal	1 (10%)					

## HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(10)	(10)	(9)
Lymph Node, Mandibular	(10)	(0)	(0)	(10)	(9)	(9)
Lymph Node, Mesenteric	(10)	(0)	(0)	(10)	(10)	(8)
Spleen	(10)	(0)	(0)	(10)	(10)	(9)
Thymus	(10)	(0)	(0)	(10)	(10)	(9)

## INTEGUMENTARY SYSTEM

Mammary Gland	(9)	(0)	(0)	(10)	(10)	(10)
Skin	(10)	(10)	(10)	(10)	(10)	(10)

## MUSCULOSKELETAL SYSTEM

Bone	(10)	(0)	(0)	(10)	(10)	(10)
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<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(10)	(10)	(9)
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Trachea	(10)	(0)	(0)	(10)	(10)	(8)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(10)	(10)	(10)
Harderian Gland	(10)	(0)	(0)	(10)	(10)	(9)
<b>URINARY SYSTEM</b>						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Urinary Bladder	(9)	(0)	(0)	(10)	(10)	(9)

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B6C3F1 MICE FEMALE	VEHICLE CONTROL	87.5 MG/KG	175 MG/KG	350 MG/KG	700 MG/KG	1400 MG/KG
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### Tumor Summary for Females

Total Animals with Primary Neoplasms (b)	1
Total Primary Neoplasms	1

Total Animals with Benign Neoplasms	1
Total Benign Neoplasms	1

Total Animals with Malignant Neoplasms	
Total Malignant Neoplasms	

Total Animals with Metastatic Neoplasms	
Total Metastatic Neoplasms	

Total Animals with Malignant Neoplasms Uncertain Primary Site	
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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