

Experiment Number: 95003 - 04
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

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

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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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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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

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

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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

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

*** 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

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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NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(10)	(10)	(9)

RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Trachea	(10)	(0)	(0)	(10)	(10)	(8)

SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(10)	(10)	(10)
Harderian Gland	(10)	(0)	(0)	(10)	(10)	(9)

URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Urinary Bladder	(9)	(0)	(0)	(10)	(10)	(9)

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Lab: MBA

B6C3F1 MICE FEMALE

VEHICLE CONTROL

87.5 MG/KG

175 MG/KG

350 MG/KG

700 MG/KG

1400 MG/KG

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

Total Animals with Neoplasms Uncertain-
Benign or Malignant

Total Uncertain Neoplasms

*** 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