

**Experiment Number:** 95003 - 02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** MICE/B6C3F1

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**

Methyl trans-styryl ketone

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

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

**Time Report Requested:** 11:36:31

**First Dose M/F:** 12/20/01 / 12/21/01

**Lab:** MBA

**NTP Study Number:** C95003B  
**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	0.025%	0.05%	0.1%	0.2%	0.4%
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**Disposition Summary**

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

**ALIMENTARY SYSTEM**

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

**CARDIOVASCULAR SYSTEM**

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

**ENDOCRINE SYSTEM**

Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Subcapsular, Hyperplasia, Focal	2 (20%)					4 (40%)

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

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B6C3F1 MICE MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(2)	(0)	(0)	(0)	(0)	(2)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(8)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(9)

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GENERAL BODY SYSTEM

None

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GENITAL SYSTEM

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

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HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(9)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	1 (10%)					2 (20%)
Atrophy, Focal	1 (10%)					
Cyst						1 (10%)
Necrosis	2 (20%)					1 (10%)

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INTEGUMENTARY SYSTEM

Skin	(10)	(0)	(0)	(0)	(0)	(10)
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B6C3F1 MICE MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Olfactory Epithelium, Atrophy					1 (10%)	10 (100%)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
<b>URINARY SYSTEM</b>						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Renal Tubule, Nephropathy	1 (10%)				1 (10%)	
Renal Tubule, Vacuolization Cytoplasmic	10 (100%)	10 (100%)	10 (100%)	10 (100%)	9 (90%)	10 (100%)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

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

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B6C3F1 MICE FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
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**Disposition Summary**

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

## ALIMENTARY SYSTEM

Esophagus	(9)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(7)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Cecum	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(9)	(0)	(0)	(0)	(0)	(10)
Liver	(9)	(0)	(0)	(0)	(0)	(10)
Hepatocyte, Necrosis, Focal	1 (11%)					1 (10%)
Pancreas	(9)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(9)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(9)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(9)	(10)	(10)	(10)	(10)	(9)
Tongue	(9)	(0)	(0)	(0)	(0)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(9)	(0)	(0)	(0)	(0)	(10)
Heart	(9)	(0)	(0)	(0)	(0)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(9)	(0)	(0)	(0)	(0)	(10)
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B6C3F1 MICE FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
Subcapsular, Hyperplasia, Focal	9 (100%)					10 (100%)
Adrenal Medulla	(9)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(8)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(8)
Pituitary Gland	(9)	(0)	(0)	(0)	(0)	(6)
Thyroid Gland	(9)	(0)	(0)	(0)	(0)	(10)

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GENERAL BODY SYSTEM

None

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GENITAL SYSTEM

Clitoral Gland	(5)	(0)	(0)	(0)	(0)	(9)
Ovary	(9)	(0)	(0)	(0)	(0)	(10)
Uterus	(9)	(0)	(0)	(0)	(0)	(10)
Endometrium, Hyperplasia, Cystic	9 (100%)					8 (80%)

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HEMATOPOIETIC SYSTEM

Bone Marrow	(9)	(0)	(0)	(0)	(0)	(10)
Lymph Node	(1)	(0)	(0)	(0)	(0)	(0)
Inguinal, Hyperplasia, Lymphoid	1 (100%)					
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(9)	(0)	(0)	(0)	(0)	(10)
Spleen	(9)	(0)	(0)	(0)	(0)	(10)
Thymus	(9)	(0)	(0)	(0)	(0)	(10)
Atrophy	1 (11%)					3 (30%)
Necrosis	2 (22%)					2 (20%)

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INTEGUMENTARY SYSTEM

Mammary Gland	(9)	(0)	(0)	(0)	(0)	(10)
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Skin	(9)	(0)	(0)	(0)	(0)	(10)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(9)	(0)	(0)	(0)	(0)	(10)
<b>NERVOUS SYSTEM</b>						
Brain	(9)	(0)	(0)	(0)	(0)	(10)
<b>RESPIRATORY SYSTEM</b>						
Lung	(9)	(0)	(0)	(0)	(0)	(10)
Perivascular, Inflammation, Chronic Active						1 (10%)
Nose	(9)	(10)	(10)	(10)	(10)	(10)
Olfactory Epithelium, Atrophy						10 (100%)
Trachea	(8)	(0)	(0)	(0)	(0)	(9)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(9)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(9)	(0)	(0)	(0)	(0)	(10)
<b>URINARY SYSTEM</b>						
Kidney	(9)	(10)	(10)	(10)	(10)	(10)
Renal Tubule, Nephropathy						1 (10%)
Urinary Bladder	(9)	(0)	(0)	(0)	(0)	(10)

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

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