

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

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

**Test Compound:** Methyl trans-styryl ketone  
**CAS Number:** 1896-62-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 23:14:55  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**C Number:** C95003B  
**Lock Date:** 01/08/2003  
**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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B6C3F1 Mouse MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
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)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)
<b>ENDOCRINE SYSTEM</b>						
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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Lab: MBA

B6C3F1 Mouse 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)
GENERAL BODY SYSTEM						
None						
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)
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%)
INTEGUMENTARY SYSTEM						
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)

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B6C3F1 Mouse MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
<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 Epi, 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 DATA\*\*\*

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 Lab: MBA

B6C3F1 Mouse FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
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)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(9)	(0)	(0)	(0)	(0)	(10)
Heart	(9)	(0)	(0)	(0)	(0)	(10)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(9)	(0)	(0)	(0)	(0)	(10)

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B6C3F1 Mouse 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)
GENERAL BODY SYSTEM						
None						
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%)
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%)
INTEGUMENTARY SYSTEM						
Mammary Gland	(9)	(0)	(0)	(0)	(0)	(10)
Skin	(9)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(9)	(0)	(0)	(0)	(0)	(10)

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
NERVOUS SYSTEM						
Brain	(9)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(9)	(0)	(0)	(0)	(0)	(10)
Perivascular, Inflammation, Chronic Active						1 (10%)
Nose	(9)	(10)	(10)	(10)	(10)	(10)
Olfactory Epi, Atrophy						10 (100%)
Trachea	(8)	(0)	(0)	(0)	(0)	(9)
SPECIAL SENSES SYSTEM						
Eye	(9)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(9)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
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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