

Experiment Number: 05069-10
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

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

Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:29:13
First Dose M/F: NA / NA
Lab: TSI MASON

C Number:	C60902B
Lock Date:	Not Entered.
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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Lab: TSI MASON

F 344/N Rat MALE	0 MG/KG	60 MG/KG	100 MG/KG
Disposition Summary			
Animals Initially In Study	60	60	60
Scheduled Sacrifice	10	10	10
Early Deaths			
Moribund Sacrifice	24	31	30
Natural Death	15	17	17
Survivors			
Terminal Sacrifice	11	2	3
Animals Examined Microscopically	10	10	10
ALIMENTARY SYSTEM			
Esophagus	(10)	(10)	(10)
Intestine Large, Cecum	(10)	(10)	(10)
Intestine Large, Colon	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(10)	(10)
Intestine Small, Duodenum	(10)	(10)	(10)
Intestine Small, Ileum	(10)	(10)	(10)
Intestine Small, Jejunum	(10)	(10)	(10)
Liver	(10)	(10)	(10)
Mesentery	(3)	(0)	(1)
Pancreas	(10)	(10)	(10)
Acinus, Adenoma	1 (10%)		
Salivary Glands	(10)	(10)	(10)
Stomach, Forestomach	(10)	(10)	(10)
Stomach, Glandular	(10)	(10)	(10)
CARDIOVASCULAR SYSTEM			
Heart	(10)	(10)	(10)

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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ENDOCRINE SYSTEM			
Adrenal Gland, Cortex	(10)	(10)	(10)
Adrenal Gland, Medulla	(10)	(10)	(10)
Islets, Pancreatic	(10)	(10)	(10)
Parathyroid Gland	(9)	(8)	(10)
Pituitary Gland	(10)	(10)	(9)
Pars Distalis, Adenoma	4 (40%)	1 (10%)	5 (56%)
Pars Distalis, Adenoma, Multiple		1 (10%)	
Thyroid Gland	(10)	(10)	(10)
C Cell, Adenoma		1 (10%)	
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
Epididymis	(10)	(10)	(10)
Preputial Gland	(10)	(10)	(9)
Prostate	(10)	(10)	(10)
Seminal Vesicle	(10)	(10)	(10)
Testes	(10)	(10)	(10)
Bilateral, Interstit Cell, Adenoma	2 (20%)	4 (40%)	1 (10%)
Interstit Cell, Adenoma	2 (20%)	3 (30%)	3 (30%)
HEMATOPOIETIC SYSTEM			
Bone Marrow	(10)	(10)	(10)
Lymph Node, Mandibular	(9)	(10)	(10)
Lymph Node, Mesenteric	(10)	(10)	(10)
Spleen	(10)	(10)	(10)
Thymus	(8)	(10)	(9)
Epithel Cell, Thymoma Benign			1 (11%)

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Lab: TSI MASON

F 344/N Rat MALE	0 MG/KG	60 MG/KG	100 MG/KG
Epithel Cell, Thymoma Benign			1 (11%)
INTEGUMENTARY SYSTEM			
Mammary Gland	(8)	(9)	(6)
Skin	(10)	(10)	(10)
MUSCULOSKELETAL SYSTEM			
Bone	(10)	(10)	(10)
NERVOUS SYSTEM			
Brain	(10)	(10)	(10)
RESPIRATORY SYSTEM			
Lung	(10)	(10)	(10)
Alveolar/Bronchiolar Adenoma			1 (10%)
Nose	(10)	(10)	(10)
Trachea	(10)	(10)	(10)
SPECIAL SENSES SYSTEM			
Ear	(1)	(0)	(0)
Fibrosarcoma	1 (100%)		
URINARY SYSTEM			
Kidney	(10)	(10)	(10)
Urinary Bladder	(10)	(10)	(10)
SYSTEMIC LESIONS			
Multiple Organ	*(10)	*(10)	*(10)
Leukemia Mononuclear	2 (20%)	2 (20%)	

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F 344/N Rat MALE	0 MG/KG	60 MG/KG	100 MG/KG
Tumor Summary for MALE			
Total Animals with Primary Neoplasms (b)	8	8	8
Total Primary Neoplasms	12	12	11
Total Animals with Benign Neoplasms	8	8	8
Total Benign Neoplasms	9	10	11
Total Animals with Malignant Neoplasms	2	2	
Total Malignant Neoplasms	3	2	
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 DATA

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F 344/N Rat FEMALE	0 MG/KG	60 MG/KG	100 MG/KG
Disposition Summary			
Animals Initially In Study	60	60	60
Scheduled Sacrifice	10	10	10
Early Deaths			
Accidentally Killed			1
Moribund Sacrifice	17	13	12
Natural Death	11	10	15
Survivors			
Moribund Sacrifice	1	1	2
Natural Death	1		
Terminal Sacrifice	20	26	20
Animals Examined Microscopically	10	10	10

ALIMENTARY SYSTEM

Esophagus	(10)	(10)	(10)
Intestine Large, Cecum	(10)	(10)	(10)
Intestine Large, Colon	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(10)	(10)
Intestine Small, Duodenum	(10)	(10)	(10)
Intestine Small, Ileum	(10)	(10)	(10)
Intestine Small, Jejunum	(10)	(10)	(10)
Liver	(10)	(10)	(10)
Mesentery	(0)	(0)	(2)
Pancreas	(10)	(10)	(10)
Salivary Glands	(10)	(10)	(10)
Stomach, Forestomach	(10)	(10)	(10)
Stomach, Glandular	(10)	(10)	(10)

CARDIOVASCULAR SYSTEM

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Heart	(10)	(10)	(10)
ENDOCRINE SYSTEM			
Adrenal Gland, Cortex	(10)	(10)	(10)
Adrenal Gland, Medulla	(10)	(10)	(10)
Islets, Pancreatic	(10)	(10)	(10)
Parathyroid Gland	(10)	(10)	(10)
Pituitary Gland	(10)	(10)	(10)
Pars Distalis, Adenoma	1 (10%)	1 (10%)	2 (20%)
Thyroid Gland	(10)	(10)	(10)
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
Clitoral Gland	(10)	(10)	(10)
Adenoma	1 (10%)	1 (10%)	
Ovary	(10)	(10)	(10)
Uterus	(10)	(10)	(10)
Polyp Stromal		1 (10%)	1 (10%)
HEMATOPOIETIC SYSTEM			
Bone Marrow	(10)	(10)	(10)
Lymph Node, Mandibular	(10)	(10)	(10)
Lymph Node, Mesenteric	(10)	(10)	(10)
Spleen	(10)	(10)	(10)
Thymus	(10)	(9)	(10)
INTEGUMENTARY SYSTEM			
Mammary Gland	(10)	(10)	(10)
Fibroadenoma		1 (10%)	

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F 344/N Rat FEMALE	0 MG/KG	60 MG/KG	100 MG/KG
Skin	(10)	(10)	(10)
MUSCULOSKELETAL SYSTEM			
Bone	(10)	(10)	(10)
NERVOUS SYSTEM			
Brain	(10)	(10)	(10)
Astrocytoma Malignant		1 (10%)	
RESPIRATORY SYSTEM			
Lung	(10)	(10)	(10)
Nose	(10)	(10)	(10)
Trachea	(10)	(10)	(10)
SPECIAL SENSES SYSTEM			
Eye	(0)	(0)	(1)
URINARY SYSTEM			
Kidney	(10)	(10)	(10)
Urinary Bladder	(10)	(10)	(10)

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Tumor Summary for FEMALE			
Total Animals with Primary Neoplasms (b)	2	3	2
Total Primary Neoplasms	2	5	3
Total Animals with Benign Neoplasms	2	3	2
Total Benign Neoplasms	2	4	3
Total Animals with Malignant Neoplasms		1	
Total Malignant Neoplasms		1	
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 ****

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b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically