

Experiment Number: 88073-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

Test Compound: 2',3'-Dideoxycytidine
CAS Number: 7481-89-2

Date Report Requested: 10/22/2014
Time Report Requested: 02:46:51
First Dose M/F: NA / NA
Lab: SRI

C Number: C88073B
Lock Date: 02/05/1993
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female
PWG Approval Date: NONE

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
Disposition Summary			
Animals Initially In Study	50	50	50
Early Deaths			
Moribund Sacrifice			3
Natural Death			3
Survivors			
Terminal Sacrifice	50	50	44
Animals Examined Microscopically	50	50	50

ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(48)
Gallbladder	(48)	(49)	(49)
Intestine Large, Cecum	(50)	(50)	(50)
Intestine Large, Colon	(50)	(49)	(50)
Intestine Large, Rectum	(50)	(50)	(50)
Intestine Small, Duodenum	(49)	(49)	(48)
Intestine Small, Ileum	(49)	(48)	(47)
Intestine Small, Jejunum	(47)	(50)	(50)
Liver	(50)	(50)	(50)
Basophilic Focus	2 (4%)		
Hepatocyte, Vacuolization Cytoplasmic			2 (4%)
Inflammation, Chronic	1 (2%)		1 (2%)
Mesentery	(1)	(0)	(0)
Accessory Spleen	1 (100%)		
Pancreas	(50)	(50)	(50)
Salivary Glands	(50)	(50)	(50)
Infiltration Cellular, Lymphocyte	4 (8%)	4 (8%)	1 (2%)
Stomach, Forestomach	(50)	(50)	(50)
Epithelium, Hyperplasia			7 (14%)
Ulcer			3 (6%)

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

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
Stomach, Glandular Ulcer	(50)	(50)	(50) 1 (2%)
CARDIOVASCULAR SYSTEM			
Blood Vessel	(50)	(50)	(50)
Heart	(50)	(50)	(50)
Cardiomyopathy		1 (2%)	
ENDOCRINE SYSTEM			
Adrenal Cortex	(50)	(50)	(50)
Accessory Adrenal Cortical Nodule	2 (4%)	6 (12%)	4 (8%)
Adrenal Medulla	(50)	(50)	(50)
Islets, Pancreatic	(50)	(50)	(50)
Parathyroid Gland	(47)	(47)	(45)
Cyst	2 (4%)	4 (9%)	
Pituitary Gland	(47)	(50)	(48)
Pars Nervosa, Cyst		1 (2%)	
Thyroid Gland	(50)	(50)	(50)
Degeneration, Cystic	4 (8%)	4 (8%)	10 (20%)
Follicle, Cyst			1 (2%)
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
Clitoral Gland	(50)	(50)	(50)
Ovary	(50)	(50)	(50)
Cyst	3 (6%)	1 (2%)	2 (4%)
Uterus	(50)	(50)	(50)
Hyperplasia, Cystic	34 (68%)	26 (52%)	31 (62%)
HEMATOPOIETIC SYSTEM			
Bone Marrow	(50)	(50)	(50)

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
Hyperplasia	1 (2%)		
Lymph Node	(0)	(0)	(5)
Lymph Node, Mandibular	(49)	(49)	(47)
Lymph Node, Mesenteric	(49)	(50)	(47)
Spleen	(50)	(50)	(50)
Hematopoietic Cell Proliferation	2 (4%)		1 (2%)
Thymus	(49)	(49)	(47)
Atrophy			1 (2%)
INTEGUMENTARY SYSTEM			
Mammary Gland	(50)	(50)	(49)
Skin	(50)	(50)	(50)
Epidermis, Hyperplasia	1 (2%)	4 (8%)	
Inflammation, Chronic	1 (2%)	3 (6%)	
MUSCULOSKELETAL SYSTEM			
Bone	(50)	(50)	(50)
Skeletal Muscle	(0)	(0)	(1)
NERVOUS SYSTEM			
Brain	(50)	(50)	(50)
Peripheral Nerve	(0)	(1)	(0)
Spinal Cord	(0)	(1)	(0)
RESPIRATORY SYSTEM			
Lung	(50)	(50)	(50)
Alveolar Epith, Hyperplasia		1 (2%)	
Hemorrhage	1 (2%)	1 (2%)	2 (4%)
Inflammation, Granulomatous		1 (2%)	
Nose	(50)	(50)	(50)
Trachea	(50)	(50)	(50)
SPECIAL SENSES SYSTEM			

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
Ear	(0)	(1)	(0)
<hr/>			
URINARY SYSTEM			
Kidney	(50)	(50)	(50)
Casts Protein	3 (6%)	7 (14%)	9 (18%)
Renal Tubule, Atrophy		1 (2%)	
Renal Tubule, Necrosis			1 (2%)
Renal Tubule, Regeneration	3 (6%)	1 (2%)	2 (4%)
Urinary Bladder	(49)	(50)	(50)

**** END OF REPORT ****

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