

Study Number: I16011
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

PA10 Subchronic: Statistical Analysis of Non-Neoplastic Lesions

Test Compound: 2-((1-(4-Phenoxyphenoxy)propan-2-yl)oxy)pyridine

CAS Number: 95737-68-1

Final

Date Report Requested: 02/03/2025

Time Report Requested: 13:11:31

Lab: Burleson Research Technologies

Study Number:

I16011

Study Gender:

Female

PWG Approval Date:

See web page for date of PWG Approval

Version:

v1.7.0

Stat Version:

2023.04.04S

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Female : Immunopath

Treatment Groups (mg/kg)

0 62.5 125 250 500

Disposition Summary

Animals Initially In Study	12	12	12	12	12
Censored					
Early Deaths					
Survivors					
Scheduled Sacrifice, Terminal	12	12	12	12	12
Number Animals Examined Microscopically	12	12	12	12	12

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

HEMATOLYMPHOID SYSTEM

BONE MARROW	(12)	(12)	(12)	(12)	(12)
NUMBER INCREASED; ADIPOCYTE	2 (16.7%)	2 (16.7%)	1 (8.3%)		1 (8.3%)

HEMATOPOIETIC SYSTEM

None

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	0	62.5	125	250	500
HEPATOBIILIARY SYSTEM					
LIVER	(12)	(12)	(12)	(12)	(12)
CLEAR CELL FOCUS				1 (8.3%)	
HEPATODIAPHRAGMATIC NODULE		1 (8.3%)	1 (8.3%)		2 (16.7%)
BILE DUCT; HYPERPLASIA			1 (8.3%)		
BILE DUCT; INFLAMMATION; GRANULOMATOUS			1 (8.3%)		
INFLAMMATION; FOCAL	6 (50%)	3 (25%)	2 (16.7%)	3 (25%)	5 (41.7%)
BILE DUCT; MINERAL			1 (8.3%)		
PIGMENT		1 (8.3%)			
IMMUNE SYSTEM					
SPLEEN	(12)	(12)	(12)	(12)	(12)
ACCESSORY SPLEEN		2 (16.7%)	1 (8.3%)	1 (8.3%)	2 (16.7%)
THYMUS	(12)	(12)	(12)	(12)	(12)
NUMBER INCREASED; APOPTOTIC CELLS	1 (8.3%)				
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
REPRODUCTIVE SYSTEM					
None					

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RESPIRATORY SYSTEM					
LUNG	(12)	(12)	(12)	(12)	(12)
ALVEOLAR EPITHELIUM; HYPERPLASIA	1 (8.3%)		1 (8.3%)	1 (8.3%)	
INFILTRATION CELLULAR; HISTIOCYTE	1 (8.3%) *	2 (16.7%)	4 (33.3%)	4 (33.3%)	5 (41.7%)
INFLAMMATION; CHRONIC-ACTIVE	1 (8.3%)		2 (16.7%)	2 (16.7%)	
INFLAMMATION; GRANULOMATOUS		1 (8.3%)	1 (8.3%)		
METAPLASIA; OSSEOUS				1 (8.3%)	
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
KIDNEY	(12)	(12)	(12)	(12)	(12)
CHRONIC PROGRESSIVE NEPHROPATHY	2 (16.7%) *	1 (8.3%)	1 (8.3%)		5 (41.7%)
RENAL TUBULE; DILATION	1 (8.3%)		2 (16.7%)	1 (8.3%)	1 (8.3%)
RENAL TUBULE; MINERAL		1 (8.3%)	3 (25%)	1 (8.3%)	1 (8.3%)

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LEGEND

Censored animals are animals not in one of the other disposition categories that are removed prior to the end of the study. The censored animals are included in the pathology data if microscopic examination of tissues was performed.

In the rows with the tissue names, the number of animals examined for each tissue is shown in parentheses.

In the rows with the lesion names, the number of animals with observation are reported with percent incidence in parentheses. If none of the animals examined have the specific lesion, there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion; in that case a 0 is included for the control group on the table for that lesion.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) one-sided tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****