

**Study Number:** R16011D

**Test Type:** Teratology

**Route:** Oral Gavage

**Species/Strain:** Rabbit/New Zealand White

**C Number:**

**Study Gender:**

**PWG Approval Date**

**PA46s: Summary of Gross Pathology**

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

**CAS Number:** 95737-68-1

R16011D

Female

See web page for date of PWG Approval

**Date Report Requested:** 10/01/2019

**Time Report Requested:** 08:39:54

**Lab:** Southern Research

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F0 Female: GD 28 Bio Samples

	Treatment Groups (mg/kg/day)			
	0	62.5	125	250
<b>Disposition Summary</b>				
Animals Initially In Study	3	3	3	4
Early Deaths				
Euthanized, moribund				1
Survivors				
Scheduled sacrifice, terminal (GD 28)	3	3	3	3
Number of Animals Examined				1
<b>ALIMENTARY SYSTEM</b>				
ESOPHAGUS	(0)	(0)	(0)	(1)
FOCUS; DARK, TGL1				1 (100.0%)
GALLBLADDER	(0)	(0)	(0)	(1)
INTESTINE, LARGE, CECUM	(0)	(0)	(0)	(1)
INTESTINE, LARGE, COLON	(0)	(0)	(0)	(1)
INTESTINE, LARGE, RECTUM	(0)	(0)	(0)	(1)
INTESTINE, SMALL, DUODENUM	(0)	(0)	(0)	(1)
INTESTINE, SMALL, ILEUM	(0)	(0)	(0)	(1)
INTESTINE, SMALL, JEJUNUM	(0)	(0)	(0)	(1)
LIVER	(0)	(0)	(0)	(1)
PANCREAS	(0)	(0)	(0)	(1)
STOMACH	(0)	(0)	(0)	(1)
<b>CARDIOVASCULAR SYSTEM</b>				
HEART	(0)	(0)	(0)	(1)
<b>ENDOCRINE SYSTEM</b>				
ADRENAL GLAND	(0)	(0)	(0)	(1)

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	Treatment Groups (mg/kg/day)			
	0	62.5	125	250
<b>GENERAL BODY SYSTEM</b>				
CARCASS	(0)	(0)	(0)	(1)
THIN				1 (100.0%)
<b>GENITAL SYSTEM</b>				
OVARY	(0)	(0)	(0)	(1)
UTERUS	(0)	(0)	(0)	(1)
VAGINA	(0)	(0)	(0)	(1)
<b>HEMATOLYMPHOID SYSTEM</b>				
LYMPH NODE, MESENTERIC	(0)	(0)	(0)	(1)
SPLEEN	(0)	(0)	(0)	(1)
THYMUS	(0)	(0)	(0)	(1)
<b>INTEGUMENTARY SYSTEM</b>				
SKIN	(0)	(0)	(0)	(1)
<b>MUSCULOSKELETAL SYSTEM</b>				
None				
<b>NERVOUS SYSTEM</b>				
None				
<b>RESPIRATORY SYSTEM</b>				
LUNG	(0)	(0)	(0)	(1)
TRACHEA	(0)	(0)	(0)	(1)
MUCOSA; DISCOLORATION; DARK, TGL2				1 (100.0%)
MUCOSA; FLUID; OPAQUE, TGL4				1 (100.0%)
<b>SPECIAL SENSES SYSTEM</b>				
None				

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**F0 Female: GD 28 Bio Samples**

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	<b>Treatment Groups (mg/kg/day)</b>			
	<b>0</b>	<b>62.5</b>	<b>125</b>	<b>250</b>
<b>URINARY SYSTEM</b>				
KIDNEY	(0)	(0)	(0)	(1)
BILATERAL; DISCOLORATION; PALE, TGL3				1 (100.0%)
URETER	(0)	(0)	(0)	(1)
URINARY BLADDER	(0)	(0)	(0)	(1)

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Lab: Southern Research

F0 Female: Main Study Animals

	Treatment Groups (mg/kg/day)			
	0	62.5	125	250
<b>Disposition Summary</b>				
Animals Initially In Study	24	24	24	23
Early Deaths				
Euthanized, moribund			1	3
Survivors				
Scheduled sacrifice, terminal (GD 28 - 29, SD 23 - 24)	24	24	23	20
Number of Animals Examined	24	24	24	23
<b>ALIMENTARY SYSTEM</b>				
ESOPHAGUS	(24)	(24)	(24)	(23)
GALLBLADDER	(24)	(24)	(24)	(23)
INTESTINE, LARGE, CECUM	(24)	(24)	(24)	(23)
CONTENTS; GREEN, LIQUID				1 (4.3%)
CONTENTS; LIQUID, MALODOROUS, TGL1			1 (4.2%)	2 (8.7%)
CONTENTS; LIQUID, MALODOROUS, TGL2				1 (4.3%)
DILATION			1 (4.2%)	1 (4.3%)
INTESTINE, LARGE, COLON	(24)	(24)	(24)	(23)
DILATION	2 (8.3%)	6 (25.0%)	4 (16.7%)	4 (17.4%)
INTESTINE, LARGE, RECTUM	(24)	(24)	(24)	(23)
INTESTINE, SMALL, DUODENUM	(24)	(24)	(24)	(23)
INTESTINE, SMALL, ILEUM	(24)	(24)	(24)	(23)
INTESTINE, SMALL, JEJUNUM	(24)	(24)	(24)	(23)
LIVER	(24)	(24)	(24)	(23)
DISCOLORATION; PALE	1 (4.2%)			
PANCREAS	(24)	(24)	(24)	(23)
STOMACH	(24)	(24)	(24)	(23)
<b>CARDIOVASCULAR SYSTEM</b>				
HEART	(24)	(24)	(24)	(23)

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F0 Female: Main Study Animals

	Treatment Groups (mg/kg/day)			
	0	62.5	125	250
<b>ENDOCRINE SYSTEM</b>				
ADRENAL GLAND	(24)	(24)	(24)	(23)
<b>GENERAL BODY SYSTEM</b>				
CARCASS	(24)	(24)	(24)	(23)
THIN				1 (4.3%)
<b>GENITAL SYSTEM</b>				
OVARY	(24)	(24)	(24)	(23)
LEFT; CYST; CLEAR	1 (4.2%)	2 (8.3%)		
RIGHT; CYST; CLEAR				1 (4.3%)
UTERUS	(24)	(24)	(24)	(23)
THICK	1 (4.2%)			
VAGINA	(24)	(24)	(24)	(23)
<b>HEMATOLYMPHOID SYSTEM</b>				
LYMPH NODE, MESENTERIC	(24)	(24)	(24)	(23)
DISCOLORATION; MOTTLED	1 (4.2%)			
SPLEEN	(24)	(24)	(24)	(23)
THYMUS	(24)	(24)	(24)	(23)
<b>INTEGUMENTARY SYSTEM</b>				
SKIN	(24)	(24)	(24)	(23)
HINDLIMB; RIGHT; ALOPECIA; TGL1	1 (4.2%)			
<b>MUSCULOSKELETAL SYSTEM</b>				
None				
<b>NERVOUS SYSTEM</b>				
None				

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F0 Female: Main Study Animals

	Treatment Groups (mg/kg/day)			
	0	62.5	125	250
<b>RESPIRATORY SYSTEM</b>				
LUNG	(24)	(24)	(24)	(23)
DISCOLORATION; MOTTLED	1 (4.2%)	1 (4.2%)		1 (4.3%)
DISCOLORATION; MOTTLED, TGL1		1 (4.2%)		
DISCOLORATION; PALE, TGL1				1 (4.3%)
TRACHEA	(24)	(24)	(24)	(23)
MUCOSA; DISCOLORATION; RED			1 (4.2%)	
MUCOSA; DISCOLORATION; RED, TGL1	3 (12.5%) *			
MUCOSA; DISCOLORATION; RED, TGL2	1 (4.2%)		1 (4.2%)	
<b>SPECIAL SENSES SYSTEM</b>				
None				
<b>URINARY SYSTEM</b>				
KIDNEY	(24)	(24)	(24)	(23)
URETER	(24)	(24)	(24)	(23)
URINARY BLADDER	(24)	(24)	(24)	(23)

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LEGEND

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Number of animals examined for each tissue shown in parentheses. If none of the animals examined have the specific lesion then 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 then a 0 is included for the control group on the table for that lesion.

Number of animals with observation reported with percent incidence in parentheses

All trend and pairwise p-values are reported as one-sided.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) 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  $P \leq 0.01$

Phase day range of terminal sacrifice shown in parentheses in disposition summary

GD - Gestation Day; SD - Study Day

Non-pregnant females are included in the analysis.

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