

**Study Number:** I16011HR  
**Test Type:** TOX  
**Route:** Oral Gavage  
**Species/Strain:** Rat/Harlan Sprague Dawley

**PA06: Organ Weights Summary**

**Test Compound:** 2-((1-(4-Phenoxyphenoxy)propan-2-yl)oxy)pyridine  
**CAS Number:** 95737-68-1

**Date Report Requested:** 02/06/2025  
**Time Report Requested:** 14:16:43  
**Lab:** Burleson Research Technologies

**Study Number:** I16011HR  
**Study Gender:** Female  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.7.1  
**Stat Version:** 2023.02.27S

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Females: Terminal Day 7

	Treatment Groups (mg/kg)														
	0			62.5			125			250			500		
Terminal Body Wt. (g)	200.0	± 3.0	(10)	193.1	± 3.8	(10)	200.2	± 4.0	(10)	199.1	± 5.1	(10)	195.4	± 2.5	(10)
Lung															
Absolute (g)	1.35	± 0.05	(10)	1.41	± 0.05	(10)	1.45	± 0.03	(10)	1.46	± 0.05	(10)	1.46	± 0.06	(10)
Relative (mg/g)	6.76	± 0.20	(10) *	7.29	± 0.23	(10)	7.28	± 0.18	(10)	7.35	± 0.25	(10)	7.48	± 0.25	(10)
Spleen															
Absolute (g)	0.518	± 0.010	(10) **	0.481	± 0.016	(10)	0.465	± 0.018	(10)	0.500	± 0.023	(10)	0.435	± 0.015	(10) **
Relative (mg/g)	2.59	± 0.05	(10) **	2.49	± 0.06	(10)	2.32	± 0.07	(10)	2.51	± 0.08	(10)	2.24	± 0.10	(10) **
Thymus															
Absolute (g)	0.339	± 0.013	(10)	0.250	± 0.019	(10) **	0.334	± 0.018	(10)	0.316	± 0.016	(10)	0.276	± 0.017	(10) *
Relative (mg/g)	1.70	± 0.06	(10)	1.29	± 0.09	(10) **	1.66	± 0.07	(10)	1.59	± 0.07	(10)	1.42	± 0.09	(10) *

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**Females: Terminal Day 7**

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	Treatment Groups (mg/kg)	
	0.6/0.2 mg/kg DEX	Naive
Terminal Body Wt. (g)	173.9 ± 3.9 (9) **	206.6 ± 3.2 (5)
Lung		
Absolute (g)	1.25 ± 0.04 (9)	1.38 ± 0.08 (5)
Relative (mg/g)	7.24 ± 0.29 (9)	6.69 ± 0.41 (5)
Spleen		
Absolute (g)	0.214 ± 0.008 (9) **	0.541 ± 0.047 (5)
Relative (mg/g)	1.23 ± 0.04 (9) **	2.61 ± 0.21 (5)
Thymus		
Absolute (g)	0.038 ± 0.005 (9) **	0.424 ± 0.020 (5)
Relative (mg/g)	0.21 ± 0.03 (9) **	2.05 ± 0.07 (5)

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Females: Terminal Day 8

	Treatment Groups (mg/kg)				
	0	62.5	125	250	500
Terminal Body Wt. (g)	196.3 ± 4.1 (10)	204.9 ± 3.7 (10)	203.9 ± 3.6 (10)	205.0 ± 4.0 (10)	203.2 ± 4.7 (10)
Lung					
Absolute (g)	1.54 ± 0.05 (10)	1.61 ± 0.07 (10)	1.56 ± 0.04 (10)	1.56 ± 0.05 (10)	1.52 ± 0.05 (10)
Relative (mg/g)	7.84 ± 0.26 (10)	7.85 ± 0.20 (10)	7.68 ± 0.23 (10)	7.64 ± 0.27 (10)	7.47 ± 0.14 (10)
Spleen					
Absolute (g)	0.588 ± 0.018 (10)	0.590 ± 0.023 (10)	0.582 ± 0.019 (10)	0.551 ± 0.013 (10)	0.595 ± 0.029 (10)
Relative (mg/g)	3.00 ± 0.08 (10)	2.87 ± 0.07 (10)	2.86 ± 0.08 (10)	2.69 ± 0.05 (10) *	2.92 ± 0.12 (10)
Thymus					
Absolute (g)	0.388 ± 0.018 (10)	0.355 ± 0.017 (10)	0.377 ± 0.019 (10)	0.353 ± 0.015 (10)	0.334 ± 0.018 (10)
Relative (mg/g)	1.98 ± 0.08 (10) *	1.74 ± 0.10 (10)	1.85 ± 0.08 (10)	1.72 ± 0.06 (10)	1.65 ± 0.08 (10) *

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**Females: Terminal Day 8**

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	<b>Treatment Groups</b>		
	<b>0.6/0.2 mg/kg DEX</b>		
Terminal Body Wt. (g)	165.4	± 4.0	(10) **
Lung			
Absolute (g)	1.22	± 0.04	(10) **
Relative (mg/g)	7.40	± 0.15	(10)
Spleen			
Absolute (g)	0.257	± 0.009	(10) **
Relative (mg/g)	1.55	± 0.03	(10) **
Thymus			
Absolute (g)	0.063	± 0.006	(10) **
Relative (mg/g)	0.38	± 0.03	(10) **

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Females: Terminal Day 10

	Treatment Groups (mg/kg)				
	0	62.5	125	250	500
Terminal Body Wt. (g)	209.6 ± 4.3 (10) *	210.8 ± 3.8 (10)	214.5 ± 5.6 (10)	201.7 ± 2.4 (10)	199.9 ± 2.4 (10)
Lung					
Absolute (g)	1.43 ± 0.08 (10)	1.42 ± 0.05 (10)	1.49 ± 0.06 (10)	1.37 ± 0.05 (10)	1.42 ± 0.05 (10)
Relative (mg/g)	6.90 ± 0.49 (10)	6.74 ± 0.26 (10)	6.98 ± 0.27 (10)	6.76 ± 0.19 (10)	7.11 ± 0.25 (10)
Spleen					
Absolute (g)	0.554 ± 0.026 (10)	0.575 ± 0.013 (10)	0.563 ± 0.026 (10)	0.558 ± 0.012 (10)	0.528 ± 0.016 (10)
Relative (mg/g)	2.64 ± 0.10 (10)	2.73 ± 0.05 (10)	2.62 ± 0.10 (10)	2.77 ± 0.07 (10)	2.64 ± 0.07 (10)
Thymus					
Absolute (g)	0.322 ± 0.023 (10)	0.337 ± 0.020 (10)	0.349 ± 0.017 (10)	0.368 ± 0.020 (10)	0.323 ± 0.008 (10)
Relative (mg/g)	1.53 ± 0.09 (10)	1.60 ± 0.10 (10)	1.63 ± 0.07 (10)	1.83 ± 0.11 (10)	1.62 ± 0.04 (10)

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**Females: Terminal Day 10**

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	<b>Treatment Groups</b>		
	<b>0.6/0.2 mg/kg DEX</b>		
Terminal Body Wt. (g)	167.8	± 4.7	(10) **
Lung			
Absolute (g)	1.33	± 0.08	(10)
Relative (mg/g)	7.87	± 0.38	(10)
Spleen			
Absolute (g)	0.278	± 0.012	(10) **
Relative (mg/g)	1.65	± 0.05	(10) **
Thymus			
Absolute (g)	0.063	± 0.005	(10) **
Relative (mg/g)	0.38	± 0.03	(10) **

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Females: Terminal Day 14

	Treatment Groups (mg/kg)														
	0			62.5			125			250			500		
Terminal Body Wt. (g)	214.8	± 5.6	(10)	213.9	± 4.1	(10)	212.8	± 2.8	(10)	212.1	± 5.1	(10)	213.5	± 4.6	(10)
Lung															
Absolute (g)	1.57	± 0.05	(10)	1.66	± 0.04	(10)	1.57	± 0.05	(10)	1.67	± 0.04	(10)	1.66	± 0.04	(10)
Relative (mg/g)	7.34	± 0.28	(10)	7.76	± 0.16	(10)	7.38	± 0.19	(10)	7.92	± 0.22	(10)	7.78	± 0.16	(10)
Spleen															
Absolute (g)	0.547	± 0.019	(10)	0.564	± 0.013	(10)	0.531	± 0.018	(10)	0.550	± 0.020	(10)	0.533	± 0.010	(10)
Relative (mg/g)	2.55	± 0.05	(10)	2.64	± 0.06	(10)	2.49	± 0.07	(10)	2.60	± 0.09	(10)	2.50	± 0.06	(10)
Thymus															
Absolute (g)	0.364	± 0.024	(10)	0.385	± 0.023	(10)	0.338	± 0.018	(10)	0.363	± 0.014	(10)	0.351	± 0.026	(10)
Relative (mg/g)	1.69	± 0.10	(10)	1.79	± 0.09	(10)	1.59	± 0.09	(10)	1.72	± 0.08	(10)	1.66	± 0.13	(10)

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**Females: Terminal Day 14**

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	<b>Treatment Groups</b>		
	<b>0.6/0.2 mg/kg DEX</b>		
Terminal Body Wt. (g)	172.5	± 2.2	(10) **
Lung			
Absolute (g)	1.54	± 0.09	(10)
Relative (mg/g)	8.93	± 0.45	(10) **
Spleen			
Absolute (g)	0.270	± 0.011	(10) **
Relative (mg/g)	1.57	± 0.06	(10) **
Thymus			
Absolute (g)	0.068	± 0.004	(10) **
Relative (mg/g)	0.39	± 0.02	(10) **

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Females: Terminal Day 28

	Treatment Groups (mg/kg)				
	0	62.5	125	250	500
Terminal Body Wt. (g)	233.0 ± 3.8 (10)	229.1 ± 4.0 (10)	231.6 ± 4.1 (10)	233.7 ± 3.2 (10)	233.2 ± 4.9 (10)
Lung					
Absolute (g)	1.54 ± 0.05 (10)	1.47 ± 0.03 (10)	1.53 ± 0.06 (10)	1.70 ± 0.09 (10)	1.67 ± 0.08 (10)
Relative (mg/g)	6.62 ± 0.20 (10) *	6.42 ± 0.11 (10)	6.59 ± 0.18 (10)	7.25 ± 0.35 (10)	7.13 ± 0.29 (10)
Spleen					
Absolute (g)	0.465 ± 0.031 (10) **	0.421 ± 0.029 (10)	0.447 ± 0.019 (10)	0.490 ± 0.019 (10)	0.539 ± 0.020 (10) *
Relative (mg/g)	1.99 ± 0.12 (10) **	1.83 ± 0.11 (10)	1.94 ± 0.10 (10)	2.10 ± 0.07 (10)	2.32 ± 0.09 (10) *
Thymus					
Absolute (g)	0.336 ± 0.019 (10)	0.274 ± 0.014 (10) *	0.264 ± 0.017 (10) **	0.297 ± 0.010 (10)	0.323 ± 0.017 (10)
Relative (mg/g)	1.44 ± 0.08 (10)	1.19 ± 0.06 (10)	1.15 ± 0.09 (10) *	1.27 ± 0.05 (10)	1.38 ± 0.07 (10)

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**Females: Terminal Day 28**

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	<b>Treatment Groups</b>		
	<b>0.6/0.2 mg/kg DEX</b>		
Terminal Body Wt. (g)	175.1	± 4.0	(10) **
Lung			
Absolute (g)	1.37	± 0.05	(10) *
Relative (mg/g)	7.86	± 0.29	(10) **
Spleen			
Absolute (g)	0.273	± 0.007	(9) **
Relative (mg/g)	1.58	± 0.04	(9) **
Thymus			
Absolute (g)	0.057	± 0.005	(9) **
Relative (mg/g)	0.33	± 0.03	(9) **

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LEGEND

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Data are displayed as mean  $\pm$  SEM (N) unless otherwise noted.

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

The Naive group was not included in the statistical analysis.

Statistical analysis for the positive control group (0.6/0.2 mg/kg DEX) compared to the vehicle control group was performed using the t-test.

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  $P \leq 0.01$

DEX = Dexamethazone (0.6 mg/kg study days 3-8 and 0.2 mg/kg study days 9-27)

SEM = Standard Error of the Mean

SD = Study Day

Naive animals were included to show that work practices did not inadvertently infect the animals.

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