

**Study Number:** I16011

**Test Type:** TOX

**Route:** Oral Gavage

**Species/Strain:** Rat/Harlan Sprague Dawley

**Study Number:**

**Study Gender:**

**PWG Approval Date:**

**Version:**

**Stat Version:**

**I04G: Mean Body Weight Gain**

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

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

I16011

Female

See web page for date of PWG Approval

v1.5.2

v3.0.2A

**Date Report Requested:** 07/18/2023

**Time Report Requested:** 12:27:11

**Lab:** Burleson Research Technologies

Study Number: I16011

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain

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

CAS Number: 95737-68-1

Date Report Requested: 07/18/2023

Time Report Requested: 12:27:11

Lab: Burleson Research Technologies

Females: SRBC

Treatment Groups (mg/kg)

Phase	Days	0		62.5		125		250		500		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	9.2 ± 2.4	12	13.7 ± 3.6	12	8.5 ± 1.8	12	10.5 ± 2.2	12	8.1 ± 1.8	12	12.5 ± 2.2	8
	7 - 14	9.2 ± 1.9	12	6.5 ± 1.8	12	9.7 ± 1.6	12	8.0 ± 1.4	12	9.8 ± 1.7	12	7.8 ± 1.6	8
	14 - 21	6.4 ± 1.5	12	6.1 ± 2.4	12	6.8 ± 0.8	12	5.7 ± 1.8	12	9.6 ± 0.7	12	8.6 ± 1.3	8
	21 - 28	3.8 ± 1.7	12	3.3 ± 1.2	12	1.7 ± 1.6	12	4.9 ± 1.1	12	2.3 ± 1.4	12	-6.5 ± 1.6 **	8
	0 - 28	28.6 ± 2.5	12	29.6 ± 2.5	12	26.6 ± 2.1	12	29.1 ± 1.9	12	29.8 ± 2.3	12	22.4 ± 3.7	8

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I04G: Mean Body Weight Gain

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CAS Number: 95737-68-1

Date Report Requested: 07/18/2023

Time Report Requested: 12:27:11

Lab: Burleson Research Technologies

Females: KLH

Treatment Groups (mg/kg)

Phase	Days	0		62.5		125		250		500		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	11.4 ± 1.6 *	12	10.3 ± 0.7	12	13.6 ± 1.7	12	9.1 ± 1.7	12	8.7 ± 1.2	12	13.8 ± 2.5	8
	7 - 14	10.8 ± 2.3	12	10.3 ± 0.7	12	8.3 ± 1.6	12	11.0 ± 2.3	12	12.0 ± 1.5	12	12.6 ± 2.0	8
	14 - 21	5.1 ± 2.0	12	5.3 ± 1.0	12	4.1 ± 0.6	12	6.6 ± 2.0	12	6.5 ± 1.1	12	-4.8 ± 1.9 **	8
	21 - 28	3.1 ± 2.9	12	8.5 ± 1.4	12	9.4 ± 1.3	12	7.5 ± 2.9	12	4.8 ± 1.9	12	0.8 ± 1.5	8
	0 - 28	30.4 ± 3.9	12	34.4 ± 1.8	12	35.4 ± 2.0	12	34.2 ± 2.6	12	32.0 ± 2.0	12	22.4 ± 3.2	8

Study Number: I16011

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain

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Lab: Burleson Research Technologies

Females: KLH Repeat

Treatment Groups (mg/kg)

Phase	Days	0		62.5		125		250		500		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	14.6 ± 2.4	12	14.3 ± 1.2	12	14.3 ± 1.2	12	17.7 ± 1.9	12	14.3 ± 1.8	12	17.9 ± 3.4	8
	7 - 14	12.8 ± 2.2	12	10.5 ± 2.3	12	12.5 ± 1.3	12	11.0 ± 0.8	12	11.8 ± 1.4	12	10.9 ± 1.8	8
	14 - 21	6.0 ± 2.3	12	9.2 ± 2.2	12	10.4 ± 1.2	12	4.8 ± 2.1	12	5.8 ± 2.4	12	-3.9 ± 2.6 *	8
	21 - 28	7.5 ± 1.4	12	4.5 ± 1.7	12	8.3 ± 2.0	12	8.3 ± 1.7	12	7.1 ± 1.8	12	-1.6 ± 2.0 **	8
	0 - 28	40.9 ± 1.7	12	38.5 ± 0.9	12	45.4 ± 2.1	12	41.7 ± 2.1	12	38.8 ± 2.2	12	23.3 ± 2.8 **	8

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Lab: Burleson Research Technologies

Females: Immunophenotyping

Treatment Groups (mg/kg)

Phase	Days	0		62.5		125		250		500		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	10.4 ± 1.3 *	12	12.6 ± 1.5	12	8.6 ± 0.8	12	6.4 ± 2.0	12	8.2 ± 1.9	12	12.0 ± 1.3	8
	7 - 14	6.5 ± 1.9 **	12	7.6 ± 1.9	12	9.3 ± 1.1	12	9.3 ± 1.5	12	12.8 ± 2.1 *	12	11.1 ± 1.1 *	8
	14 - 21	6.1 ± 1.9	12	3.4 ± 1.4	12	4.9 ± 1.3	12	5.4 ± 1.4	12	4.3 ± 1.0	12	3.6 ± 1.0	8
	21 - 28	4.9 ± 1.7	12	4.8 ± 1.2	12	4.4 ± 1.5	12	3.8 ± 1.8	12	4.3 ± 1.4	12	-1.9 ± 1.7 *	8
	0 - 28	27.9 ± 2.3	12	28.4 ± 1.2	12	27.2 ± 1.8	12	24.9 ± 1.9	12	29.5 ± 1.4	12	24.9 ± 2.0	8

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I04G: Mean Body Weight Gain

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Lab: Burleson Research Technologies

Females: CTL

Treatment Groups (mg/kg)

Phase	Days	0		62.5		125		250		500		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	7.6 ± 2.8 *	12	9.7 ± 1.5	12	8.4 ± 1.3	12	8.8 ± 1.5	12	3.7 ± 1.8	12	5.0 ± 3.0	8
	7 - 14	8.5 ± 2.1 *	12	5.8 ± 0.8	12	7.8 ± 1.1	12	6.9 ± 2.1	12	11.9 ± 1.2	12	7.6 ± 1.6	8
	14 - 21	3.9 ± 1.6	12	4.5 ± 1.1	12	6.8 ± 1.2	12	7.8 ± 1.3	12	6.0 ± 1.3	12	3.6 ± 0.9	8
	21 - 28	2.8 ± 1.6	12	-0.6 ± 2.1	12	-0.2 ± 1.5	12	0.0 ± 2.2	12	0.1 ± 2.3	12	-7.8 ± 1.4 **	8
	0 - 28	22.8 ± 2.5	12	19.4 ± 2.1	12	22.8 ± 1.9	12	23.5 ± 1.8	12	21.7 ± 1.2	12	8.5 ± 2.6 **	8

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Lab: Burleson Research Technologies

Females: NK

Treatment Groups (mg/kg)

Phase	Days	0		62.5		125		250		500		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	9.3 ± 2.5	12	7.0 ± 1.9	12	10.7 ± 1.4	12	9.8 ± 1.3	12	7.9 ± 1.3	12	14.9 ± 1.5	8
	7 - 14	10.6 ± 1.5	12	11.8 ± 1.0	12	9.4 ± 0.7	12	14.2 ± 1.9	12	15.3 ± 1.9	12	10.4 ± 1.5	8
	14 - 21	5.8 ± 1.9	12	8.3 ± 0.9	12	10.3 ± 1.0	12	9.3 ± 1.6	12	9.5 ± 1.5	12	9.9 ± 1.8	8
	21 - 28	-0.3 ± 2.2 **	12	-0.8 ± 1.5	12	-2.7 ± 1.0	12	-4.7 ± 2.1	12	-3.8 ± 0.8	12	-14.8 ± 1.6 **	8
	0 - 28	25.3 ± 1.7	12	26.4 ± 2.9	12	27.7 ± 1.5	12	28.5 ± 2.1	12	28.9 ± 2.4	12	20.4 ± 2.3	8

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Lab: Burleson Research Technologies

Females: Immunopathology

Treatment Groups (mg/kg)

Phase	Days	0		62.5		125		250		500		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	5.4 ± 1.6	12	9.2 ± 3.3	12	17.6 ± 5.6	12	13.7 ± 3.2	12	8.2 ± 2.2	12	16.6 ± 4.3 *	8
	7 - 14	9.8 ± 1.1	12	11.3 ± 1.5	12	11.3 ± 1.5	12	7.9 ± 1.5	12	9.8 ± 1.6	12	12.5 ± 2.0	8
	14 - 21	6.9 ± 0.9 *	12	7.4 ± 1.4	12	5.9 ± 1.0	12	11.9 ± 1.1 **	12	9.5 ± 0.9	12	5.0 ± 3.3	8
	21 - 28	6.5 ± 0.9 *	12	7.2 ± 1.2	12	7.1 ± 1.8	12	4.3 ± 1.4	12	5.0 ± 1.3	12	-1.9 ± 1.4 **	8
	0 - 28	28.7 ± 2.1	12	35.0 ± 3.3	12	41.8 ± 5.2 *	12	37.8 ± 3.9	12	32.5 ± 2.6	12	32.3 ± 4.6	8

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#### LEGEND

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Data are displayed as mean  $\pm$  SEM

SD – Study Day

Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Statistical analysis for the positive control group 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  $P \leq 0.01$

CPS = Cyclophosphamide

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