

**Study Number:** I16011HR  
**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:** 03/26/2025  
**Time Report Requested:** 12:59:47  
**Lab:** Burleson Research Technologies

**Study Number:** I16011HR  
**Study Sex:** Female  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.7.2  
**Stat Version:** 2022.10.13S

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**Females: Terminal Day 7**

**Treatment Groups (mg/kg)**

| Phase | Days  | 0           |    | 62.5        |    | 125         |    | 250         |    | 500         |    | 0.6/0.2 mg/kg DEX |   |
|-------|-------|-------------|----|-------------|----|-------------|----|-------------|----|-------------|----|-------------------|---|
|       |       | 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 | 9.7 ± 2.1 * | 10 | 7.3 ± 2.3   | 10 | 6.6 ± 1.9   | 10 | 3.9 ± 2.4   | 10 | 3.9 ± 1.9   | 10 | -12.8 ± 6.8 **    | 9 |

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**Females: Terminal Day 7**

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**Treatment Groups**

| Phase | Days  | Naive       |   |
|-------|-------|-------------|---|
|       |       | Wt Gain (g) | N |
| SD    | 0 - 7 | 15.8 ± 2.6  | 5 |

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Females: Terminal Day 8

Treatment Groups (mg/kg)

| Phase | Days  | 0           |    | 62.5        |    | 125         |    | 250         |    | 500         |    | 0.6/0.2 mg/kg DEX |    |
|-------|-------|-------------|----|-------------|----|-------------|----|-------------|----|-------------|----|-------------------|----|
|       |       | 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 | 11.2 ± 0.8  | 10 | 12.6 ± 2.4  | 10 | 14.5 ± 1.5  | 10 | 13.9 ± 1.9  | 10 | 11.4 ± 1.5  | 10 | -18.1 ± 1.4 **    | 10 |
|       | 7 - 8 | -4.0 ± 1.4  | 10 | -2.5 ± 1.0  | 10 | -2.9 ± 1.4  | 10 | -1.0 ± 1.3  | 10 | -1.7 ± 0.7  | 10 | -5.2 ± 0.9        | 10 |
|       | 0 - 8 | 7.2 ± 1.1   | 10 | 10.1 ± 2.2  | 10 | 11.6 ± 1.6  | 10 | 12.9 ± 1.9  | 10 | 9.7 ± 1.6   | 10 | -23.3 ± 1.9 **    | 10 |

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Females: Terminal Day 10

Treatment Groups (mg/kg)

| Phase | Days   | 0           |    | 62.5        |    | 125         |    | 250         |    | 500          |    | 0.6/0.2 mg/kg DEX |    |
|-------|--------|-------------|----|-------------|----|-------------|----|-------------|----|--------------|----|-------------------|----|
|       |        | 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  | 13.0 ± 1.5  | 10 | 14.8 ± 2.0  | 10 | 16.4 ± 2.1  | 10 | 14.1 ± 1.5  | 10 | 13.7 ± 1.7   | 10 | -14.9 ± 1.4 **    | 10 |
|       | 7 - 10 | 4.8 ± 0.8 * | 10 | 1.9 ± 0.8   | 10 | 6.0 ± 1.3   | 10 | 1.3 ± 1.6   | 10 | -0.3 ± 1.4 * | 10 | -3.6 ± 2.0 **     | 10 |
|       | 0 - 10 | 17.8 ± 1.9  | 10 | 16.7 ± 2.0  | 10 | 22.4 ± 3.0  | 10 | 15.4 ± 1.8  | 10 | 13.4 ± 1.7   | 10 | -18.5 ± 1.7 **    | 10 |

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Females: Terminal Day 14

Treatment Groups (mg/kg)

| Phase | Days   | 0           |    | 62.5        |    | 125         |    | 250         |    | 500         |    | 0.6/0.2 mg/kg DEX |    |
|-------|--------|-------------|----|-------------|----|-------------|----|-------------|----|-------------|----|-------------------|----|
|       |        | 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  | 14.0 ± 2.4  | 10 | 15.2 ± 2.4  | 10 | 16.1 ± 1.4  | 10 | 14.3 ± 2.5  | 10 | 17.5 ± 3.4  | 10 | -16.9 ± 1.3 **    | 10 |
|       | 7 - 14 | 7.5 ± 1.9   | 10 | 4.5 ± 2.2   | 10 | 6.3 ± 1.7   | 10 | 10.6 ± 2.2  | 10 | 4.4 ± 2.6   | 10 | 0.7 ± 1.8 *       | 10 |
|       | 0 - 14 | 21.5 ± 2.7  | 10 | 19.7 ± 2.4  | 10 | 22.4 ± 2.6  | 10 | 24.9 ± 3.0  | 10 | 21.9 ± 2.8  | 10 | -16.2 ± 1.9 **    | 10 |

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Females: Terminal Day 28

Treatment Groups (mg/kg)

| Phase | Days    | 0           |    | 62.5         |    | 125         |    | 250         |    | 500         |    | 0.6/0.2 mg/kg DEX |    |
|-------|---------|-------------|----|--------------|----|-------------|----|-------------|----|-------------|----|-------------------|----|
|       |         | 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   | 12.6 ± 2.0  | 10 | 12.7 ± 1.0   | 10 | 14.9 ± 1.4  | 10 | 14.2 ± 2.4  | 10 | 11.8 ± 1.4  | 10 | -15.9 ± 1.8 **    | 10 |
|       | 7 - 14  | 13.6 ± 3.0  | 10 | 4.6 ± 2.2 *  | 10 | 9.3 ± 2.4   | 10 | 6.2 ± 2.6   | 10 | 10.9 ± 1.7  | 10 | 1.6 ± 1.7 **      | 10 |
|       | 0 - 14  | 26.2 ± 3.1  | 10 | 17.3 ± 2.0 * | 10 | 24.2 ± 2.8  | 10 | 20.4 ± 1.9  | 10 | 22.7 ± 2.3  | 10 | -14.3 ± 1.6 **    | 10 |
|       | 14 - 21 | 6.9 ± 2.0   | 10 | 15.9 ± 2.8 * | 10 | 9.4 ± 2.3   | 10 | 13.0 ± 1.9  | 10 | 13.4 ± 1.9  | 10 | -1.3 ± 2.0 **     | 10 |
|       | 21 - 28 | 9.6 ± 1.7   | 10 | 4.2 ± 1.7    | 10 | 9.8 ± 1.3   | 10 | 7.9 ± 2.1   | 10 | 6.7 ± 1.3   | 10 | 1.4 ± 2.2 **      | 10 |
|       | 0 - 28  | 42.7 ± 2.7  | 10 | 37.4 ± 1.8   | 10 | 43.4 ± 2.3  | 10 | 41.3 ± 2.1  | 10 | 42.8 ± 1.9  | 10 | -14.2 ± 3.3 **    | 10 |

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#### LEGEND

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Weights are displayed as mean  $\pm$  SEM, with N as the number of animals.

Statistical analysis performed by Jonckheere (trend) and Williams/Dunnett (pairwise) tests. The positive control group (0.6/0.2 mg/kg DEX) was excluded from trend test.

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  $p \leq 0.01$

SEM = Standard Error of the Mean

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

SD = Study Day

The Naive group was not included in the statistical analysis.

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

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