

**Study Number:** R16011C  
**Test Type:** Teratology - Range Finding  
**Route:** Oral Gavage  
**Species/Strain:** Rabbit/New Zealand White

**R09: Uterine Content Summary**  
**Test Compound:** 2-((1-(4-Phenoxyphenoxy)propan-2-yl)oxy)pyridine  
**CAS Number:** 95737-68-1

**Date Report Requested:** 05/18/2021  
**Time Report Requested:** 05:50:55  
**Lab:** Southern Research

**Study Number:** R16011C  
**Study Gender:** Female  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.2.0

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F0 Females

Treatment Groups (mg/kg/day)

0

300

400

500

Pregnancy Summary

Mated Females	8	8	8	8
Pregnant Females	8	7	8	8
Pregnant Females Examined on GD 29	8	5	0	0

Pre-implantation Loss

Corpora lutea per Female	8.75 ± 0.25 (8)	8.80 ± 0.37 (5)	NR	NR
Implantations per Female	8.25 ± 0.16 (8)	8.60 ± 0.51 (5)	NR	NR
Percent Pre-Implantation Loss	5.28 ± 2.75 (8)	2.50 ± 2.50 (5)	NR	NR

Intra-uterine Deaths

Number of Early Resorptions	1	1	NR	NR
Early Resorptions per Litter	0.13 ± 0.13 (8)	0.20 ± 0.20 (5)	NR	NR
Number of Late Resorptions	0	0	NR	NR
Late Resorptions per Litter	0.00 ± 0.00 (8)	0.00 ± 0.00 (5)	NR	NR
Total Resorptions per Litter	0.13 ± 0.13 (8)	0.20 ± 0.20 (5)	NR	NR
Whole Litter Resorptions	0	0	NR	NR
Number of Dead Fetuses	0	0	NR	NR
Dead Fetuses per Litter	0.00 ± 0.00 (8)	0.00 ± 0.00 (5)	NR	NR
Percent Post-Implantation Loss	1.39 ± 1.39 (8)	2.22 ± 2.22 (5)	NR	NR

Live Fetuses

Number of Live Fetuses	65	42	NR	NR
Live Fetuses per Litter	8.13 ± 0.13 (8)	8.40 ± 0.51 (5)	NR	NR
Live Male Fetuses per Litter	3.63 ± 0.50 (8)	3.00 ± 0.32 (5)	NR	NR
Live Female Fetuses per Litter	4.50 ± 0.50 (8)	5.40 ± 0.68 (5)	NR	NR
Percent Live Male Fetuses per Litter	44.62 ± 6.19 (8)	36.52 ± 4.85 (5)	NR	NR

Fetal Weight

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**F0 Females**

**Treatment Groups (mg/kg/day)**

	<b>0</b>	<b>300</b>	<b>400</b>	<b>500</b>
Fetal Weight per Litter (g)	41.39 ± 1.29 (8) *	36.87 ± 1.78 (5)	NR	NR
Male Fetal Weight per Litter (g)	42.81 ± 1.75 (8)	37.57 ± 2.45 (5)	NR	NR
Female Fetal Weight per Litter (g)	40.29 ± 1.14 (8)	36.62 ± 1.33 (5)	NR	NR
<b>Fetal Weight (adjusted)</b>				
Fetal Weight per Litter (g)	41.30 ± 1.30 (8)	37.02 ± 1.70 (5)	NR	NR
Male Fetal Weight per Litter (g)	42.79 ± 1.75 (8)	37.58 ± 2.44 (5)	NR	NR
Female Fetal Weight per Litter (g)	40.14 ± 1.09 (8)	36.86 ± 1.19 (5)	NR	NR
<b>Gravid Uterus Weight</b>				
Gravid Uterus Weight (g)	490.56 ± 15.02 (8)	452.24 ± 29.40 (5)	NR	NR
Terminal Body Weight (g)	3502.8 ± 46.4 (8)	3450.3 ± 66.3 (5)	NR	NR
Adjusted Body Weight (g)	3012.19 ± 39.90 (8)	2998.10 ± 42.69 (5)	NR	NR

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LEGEND

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Values are reported per litter as mean  $\pm$  SEM (N)

Calculated values do not include non-pregnant animals, those that did not survive to terminal sacrifice, or those that delivered prior to c-section being performed.

Fetal weight endpoints and percent live male fetuses endpoints are the mean values of the litter means.

Dams that had whole litter resorptions are not included in the litter analysis.

Unsexed fetuses were included for litter size calculations but were excluded from fetal weight calculations and from the percent male calculation.

Dams where the number of implants was greater than the number of corpora lutea were assigned a percent pre-implantation loss of 0.

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  $P \leq 0.01$

Statistical analysis of Pregnant Females performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests. No statistical tests were performed on the Mated Females or Pregnant Females Examined on GD29 endpoints.

Statistical analysis for Pre-implantation Loss and Live Fetuses endpoints was performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Whole litter resorptions analyzed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests. All "per litter" and implantation loss endpoints analyzed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical analysis for the Fetal Weight and Gravid Uterus Weight endpoints was performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Fetal Weight (adjusted) is fetal weights adjusted for litter size. Statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

All Cochran-Armitage (trend) and Fisher Exact (pairwise) are reported as two-sided tests.

All animals in the 400 mg/kg and 500 mg/kg groups were euthanized during gestation due to excessive toxicity.

NR not recorded

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