

Study Number: C11054B-01
Test Type: TOX
Route: Dosing in Water
Species/Strain: Rat/Harlan Sprague Dawley

R04: Anogenital Distance Summary (Interim and Chronic Animals)
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 07/22/2021
Time Report Requested: 13:42:04
Lab: Battelle with CRL

Study Number: C11054B-01
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.2.7
Stat Version: S

Male Pups							
Generation	Cohort	PND1	Treatment Groups (mg/L)				
			0	30	100	300	1000
F1		No. Examined (litters)	217 (38)	207 (31)	199 (32)	220 (34)	222 (34)
		Anogenital Distance (mm)	4.60 ± 0.04	4.48 ± 0.05	4.57 ± 0.07	4.79 ± 0.07 *	4.43 ± 0.06
		Bodyweight (g)	7.34 ± 0.11 **	7.15 ± 0.11	7.15 ± 0.13	7.06 ± 0.09	6.77 ± 0.10 **
		Adjusted AGD (mm)	4.54 ± 0.04	4.46 ± 0.04	4.55 ± 0.06	4.78 ± 0.08 **	4.46 ± 0.06

Female Pups							
Generation	Cohort	PND1	Treatment Groups (mg/L)				
			0	30	100	300	1000
F1		No. Examined (litters)	206 (38)	189 (31)	171 (32)	204 (34)	197 (34)
		Anogenital Distance (mm)	2.67 ± 0.04	2.59 ± 0.05	2.77 ± 0.08	2.90 ± 0.08 *	2.62 ± 0.06
		Bodyweight (g)	7.06 ± 0.10 **	6.89 ± 0.12	6.84 ± 0.12	6.65 ± 0.11 *	6.47 ± 0.10 **
		Adjusted AGD (mm)	2.68 ± 0.04	2.59 ± 0.05	2.77 ± 0.08	2.90 ± 0.08 *	2.62 ± 0.06

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LEGEND

Data are displayed as mean of litter means $\pm$ SEM of litter means.

Adjusted AGD is anogenital distance adjusted for body weight on PND 1.

Statistical analysis was performed using mixed models, with dam ID as random effect for trend and pairwise tests, with the Dunnett-Hsu adjustment for multiple comparisons.

Animals dead, cannibalized or missing presumed dead were excluded from analysis.

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 $P \leq 0.01$

Two AGD values were excluded from analysis as outliers: one female from the 300 mg/L group, and one male from the 1000 mg/L group.

**** END OF REPORT ****