

Study Number: MOG10482-01
Test Type: MOG - Range Finding
Route: Dosing in Feed
Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain
Test Compound: N-Butylbenzenesulfonamide
CAS Number: 3622-84-2

Date Report Requested: 01/06/2023
Time Report Requested: 07:02:24
Lab: NTP

Study Number: MOG10482-01
Study Gender: Female
PWG Approval Date: See web page for date of PWG Approval
Version: v1.4.3
Stat Version: S

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F0 Females

Treatment Groups (ppm)

Phase	Days	0		625		1250		2500		5000		10000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	3 - 6	13.3 ± 2.4	12	10.5 ± 1.1	11	11.4 ± 2.0	7	11.3 ± 0.6	5	16.0 ± 3.4	9	10.4 ± 1.0	7
	6 - 9	10.9 ± 0.7 **	12	11.1 ± 1.5	11	9.4 ± 1.1	7	4.3 ± 2.2 **	5	-0.1 ± 1.0 **	9	-10.2 ± 2.2 **	7
	9 - 12	11.7 ± 1.1 **	12	10.0 ± 1.2	11	10.9 ± 1.7	7	8.1 ± 1.0	5	6.5 ± 1.3 **	9	-4.9 ± 2.3 **	7
	12 - 15	18.2 ± 1.3 **	12	17.6 ± 1.8	11	17.9 ± 1.4	7	16.4 ± 1.9	5	13.2 ± 1.7 *	9	-0.8 ± 2.2 **	7
	15 - 18	35.5 ± 1.8 **	12	30.2 ± 5.3	11	34.6 ± 2.3	7	32.0 ± 3.1	5	27.2 ± 1.6	9	12.0 ± 2.6 **	4
	18 - 21	40.4 ± 3.2	9	32.2 ± 6.2	8	42.4 ± 3.6	7	36.9 ± 3.1	5	40.1 ± 5.0	6	NA	
	6 - 21	114.6 ± 5.7 **	9	96.9 ± 16.1	8	115.2 ± 5.5	7	97.6 ± 8.5	5	84.4 ± 5.9 *	6	NA	
Lactation	1 - 4	8.1 ± 4.0 **	9	12.1 ± 2.5	6	10.4 ± 2.7	7	4.6 ± 2.9	5	-7.3 ± 5.1 **	6	NA	
	4 - 7	12.1 ± 1.9	8	12.2 ± 4.8	6	16.1 ± 2.1	7	12.2 ± 1.9	5	3.4 ± 3.3	6	NA	
	7 - 11	-5.7 ± 4.8	8	3.7 ± 6.0	6	5.3 ± 2.1	7	13.0 ± 5.4 *	5	-6.3 ± 1.9	6	NA	
	11 - 14	-5.4 ± 3.6	8	-6.7 ± 10.3	6	-5.5 ± 3.2	7	-13.6 ± 6.9	5	-3.0 ± 6.0	6	NA	
	14 - 18	4.6 ± 7.1	8	-3.4 ± 10.4	6	-1.7 ± 4.1	7	8.9 ± 5.4	5	8.6 ± 5.9	6	NA	
	18 - 21	-20.8 ± 3.3 **	8	-10.1 ± 3.4	6	-4.7 ± 4.8 **	7	-1.4 ± 3.8 **	5	0.5 ± 4.0 **	6	NA	
	21 - 25	0.9 ± 3.9	8	-1.7 ± 2.2	6	-12.6 ± 3.7 *	7	-9.7 ± 3.4	5	-4.9 ± 4.9	6	NA	
	25 - 28	-5.6 ± 2.8	8	-7.0 ± 2.8	6	-7.2 ± 3.2	7	-13.3 ± 5.9	5	3.7 ± 3.2	6	NA	
1 - 28	-9.1 ± 5.2	8	-0.8 ± 9.5	6	-0.0 ± 5.8	7	0.7 ± 3.3	5	-5.3 ± 5.8	6	NA		

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LEGEND

Data are displayed as mean \pm SEM

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day

In multigenerational studies, body weights reported for all animals until mating; pregnant animals only during gestation and lactation; all animals post-weaning.

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

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 $P \leq 0.01$

All animals in the 10000 ppm dose group were euthanized during gestation due to excessive toxicity.

NA - Not Available

**** END OF REPORT ****