

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

I04: Mean Body Weight Summary
Test Compound: N-Butylbenzenesulfonamide
CAS Number: 3622-84-2

Date Report Requested: 01/06/2023
Time Report Requested: 06:37:38
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 Day	0			625			1250			2500		
	Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD3	223.7 ± 5.2	12		228.6 ± 4.0	102.2	11	224.3 ± 4.2	100.3	7	227.5 ± 2.0	101.7	5
GD4	227.9 ± 4.4	12		230.6 ± 4.9	101.2	11	228.2 ± 2.6	100.1	7	230.0 ± 2.0	100.9	5
GD5	231.2 ± 5.2	12		235.0 ± 4.0	101.6	11	232.3 ± 2.2	100.5	7	235.8 ± 1.7	102.0	5
GD6	237.0 ± 4.2	12		239.1 ± 3.4	100.9	11	235.7 ± 2.5	99.5	7	238.8 ± 1.6	100.8	5
GD7	239.3 ± 4.2 *	12		240.5 ± 2.9	100.5	11	236.5 ± 2.1	98.8	7	236.3 ± 1.7	98.8	5
GD8	243.2 ± 4.2 *	12		246.0 ± 3.1	101.1	11	240.4 ± 2.7	98.8	7	240.2 ± 2.3	98.8	5
GD9	247.9 ± 4.3 **	12		250.2 ± 3.2	100.9	11	245.1 ± 3.0	98.9	7	243.1 ± 2.9	98.1	5
GD10	250.6 ± 4.4 **	12		252.8 ± 3.4	100.9	11	247.8 ± 2.5	98.9	7	246.5 ± 2.5	98.3	5
GD11	254.8 ± 4.7 **	12		257.0 ± 3.4	100.9	11	253.4 ± 2.6	99.5	7	250.0 ± 3.1	98.1	5
GD12	259.6 ± 4.3 **	12		260.2 ± 3.4	100.2	11	256.0 ± 2.6	98.6	7	251.2 ± 3.2	96.8	5
GD13	262.2 ± 4.5 **	12		263.2 ± 3.8	100.4	11	257.6 ± 2.1	98.3	7	255.0 ± 2.9	97.3	5
GD14	269.8 ± 4.4 **	12		270.4 ± 4.1	100.2	11	265.0 ± 3.0	98.2	7	261.9 ± 2.6	97.1	5
GD15	277.9 ± 4.6 **	12		277.7 ± 4.8	100.0	11	273.9 ± 2.9	98.6	7	267.6 ± 4.1	96.3	5
GD16	286.7 ± 4.8 **	12		285.3 ± 5.8	99.5	11	283.9 ± 3.7	99.0	7	274.6 ± 5.2	95.8	5
GD17	299.0 ± 4.6 **	12		296.8 ± 7.1	99.3	11	293.9 ± 3.5	98.3	7	286.9 ± 4.9	96.0	5
GD18	313.3 ± 5.3 **	12		308.0 ± 9.5	98.3	11	308.5 ± 3.9	98.5	7	299.5 ± 5.5	95.6	5
GD19	325.5 ± 7.3 *	9		313.3 ± 13.9	96.3	8	322.0 ± 5.9	98.9	7	310.5 ± 6.3	95.4	5
GD20	342.2 ± 7.7 *	9		326.2 ± 16.4	95.3	8	338.7 ± 6.3	99.0	7	324.4 ± 7.8	94.8	5
GD21	352.7 ± 8.3	9		334.0 ± 18.0	94.7	8	350.9 ± 7.5	99.5	7	336.4 ± 8.3	95.4	5
LD1	270.1 ± 5.2 **	9		268.2 ± 4.8	99.3	6	259.3 ± 3.2	96.0	7	253.2 ± 2.9 *	93.7	5
LD4	278.2 ± 6.1 **	9		280.3 ± 5.4	100.7	6	269.7 ± 2.2	96.9	7	257.8 ± 3.5 *	92.7	5
LD7	294.1 ± 5.4 **	8		292.5 ± 7.5	99.4	6	285.8 ± 3.5	97.2	7	269.9 ± 3.9 *	91.8	5
LD11	288.5 ± 6.0 **	8		296.2 ± 4.5	102.7	6	291.1 ± 3.9	100.9	7	282.9 ± 6.7	98.1	5
LD14	283.1 ± 6.3 **	8		289.6 ± 10.1	102.3	6	285.5 ± 3.6	100.9	7	269.3 ± 3.6	95.1	5
LD18	287.6 ± 6.8 **	8		286.2 ± 6.3	99.5	6	283.9 ± 3.3	98.7	7	278.2 ± 5.8	96.7	5
LD21	266.8 ± 6.9	8		276.1 ± 5.0	103.5	6	279.1 ± 4.1	104.6	7	276.8 ± 3.6	103.7	5
LD25	267.7 ± 5.5 *	8		274.3 ± 4.3	102.5	6	266.5 ± 6.6	99.6	7	267.1 ± 6.5	99.8	5
LD28	262.1 ± 7.8 *	8		267.3 ± 6.5	102.0	6	259.3 ± 6.1	98.9	7	253.8 ± 1.6	96.8	5

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	5000			10000		
	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD3	223.3 ± 6.3	99.8	9	224.2 ± 3.0	100.2	7
GD4	229.5 ± 4.6	100.7	9	227.8 ± 3.2	99.9	7
GD5	235.6 ± 4.7	101.9	9	232.6 ± 4.1	100.6	7
GD6	239.3 ± 4.0	101.0	9	234.6 ± 3.5	99.0	7
GD7	236.5 ± 4.1	98.8	9	225.8 ± 3.1 *	94.4	7
GD8	239.6 ± 3.9	98.5	9	227.3 ± 3.8 *	93.5	7
GD9	239.2 ± 4.5	96.5	9	224.5 ± 3.2 **	90.5	7
GD10	241.6 ± 4.0	96.4	9	222.4 ± 3.6 **	88.7	7
GD11	242.3 ± 4.9 *	95.1	9	220.8 ± 3.0 **	86.7	7
GD12	245.7 ± 4.2 *	94.7	9	219.6 ± 5.1 **	84.6	7
GD13	247.6 ± 4.7 *	94.4	9	217.1 ± 3.1 **	82.8	7
GD14	254.0 ± 4.9 **	94.1	9	217.9 ± 3.8 **	80.8	7
GD15	258.9 ± 5.5 **	93.2	9	218.8 ± 3.4 **	78.7	7
GD16	265.5 ± 5.5 **	92.6	9	221.0 ± 3.1 **	77.1	7
GD17	276.7 ± 5.2 **	92.5	9	225.5 ± 3.8 **	75.4	7
GD18	286.1 ± 5.4 **	91.3	9	236.4 ± 1.9 **	75.4	4
GD19	302.1 ± 7.7	92.8	6	NA		
GD20	314.7 ± 9.5	92.0	6	NA		
GD21	325.2 ± 9.3	92.2	6	NA		
LD1	247.8 ± 8.1 **	91.7	6	NA		
LD4	240.5 ± 7.1 **	86.4	6	NA		
LD7	243.9 ± 8.8 **	82.9	6	NA		
LD11	237.6 ± 8.9 **	82.3	6	NA		
LD14	234.5 ± 9.0 **	82.9	6	NA		
LD18	243.2 ± 8.6 **	84.5	6	NA		
LD21	243.6 ± 10.4	91.3	6	NA		
LD25	238.8 ± 7.4 **	89.2	6	NA		
LD28	242.5 ± 8.9	92.5	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 ****