

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

R19: Pup Mean Body Weight Summary
Test Compound: N-Butylbenzenesulfonamide
CAS Number: 3622-84-2

Date Report Requested: 01/06/2023
Time Report Requested: 06:44:14
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

Study Number: MOG10482-01

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary

Test Compound: N-Butylbenzenesulfonamide

CAS Number: 3622-84-2

Date Report Requested: 01/06/2023

Time Report Requested: 06:44:14

Lab: NTP

F1 Males

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
PND1	7.10 ± 0.39 **	39 (9)	7.36 ± 0.30	103.67	35 (6)	7.35 ± 0.18	103.56	39 (7)	6.72 ± 0.07	94.62	23 (5)
PND4	11.25 ± 0.26 **	38 (8)	10.85 ± 0.52	96.41	35 (6)	10.57 ± 0.39	93.90	39 (7)	9.91 ± 0.07	88.02	23 (5)
PND7	15.94 ± 0.39 **	37 (8)	15.10 ± 0.76	94.75	35 (6)	14.56 ± 0.86	91.34	39 (7)	12.90 ± 0.22 *	80.96	23 (5)
PND14	28.17 ± 0.71 **	37 (8)	27.47 ± 0.92	97.51	35 (6)	26.97 ± 1.13	95.72	37 (7)	22.59 ± 0.35 **	80.18	23 (5)
PND21	47.94 ± 1.30 **	37 (8)	46.26 ± 1.20	96.51	35 (6)	44.29 ± 1.93	92.39	37 (7)	34.74 ± 0.87 **	72.47	23 (5)
PND25	67.36 ± 1.80 **	37 (8)	64.46 ± 1.60	95.69	35 (6)	60.78 ± 2.90	90.24	37 (7)	49.05 ± 0.52 **	72.83	23 (5)
PND28	81.94 ± 3.12 **	22 (5)	78.02 ± 2.06	95.21	29 (5)	78.76 ± 1.91	96.11	25 (5)	57.99 ± 0.00 **	70.76	4 (1)

Study Number: MOG10482-01

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary

Test Compound: N-Butylbenzenesulfonamide

CAS Number: 3622-84-2

Date Report Requested: 01/06/2023

Time Report Requested: 06:44:14

Lab: NTP

F1 Males

Phase Day	Treatment Groups (ppm)		
	5000		
	WT (g)	% of CNTL	N
PND1	6.13 ± 0.11 *	86.37	36 (6)
PND4	8.04 ± 0.39 **	71.39	36 (6)
PND7	9.79 ± 0.81 **	61.44	36 (6)
PND14	16.26 ± 1.56 **	57.71	33 (6)
PND21	24.89 ± 1.41 **	51.91	29 (6)
PND25	32.08 ± 2.05 **	47.62	29 (6)
PND28	41.15 ± 2.16 **	50.21	13 (3)

Study Number: MOG10482-01

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary

Test Compound: N-Butylbenzenesulfonamide

CAS Number: 3622-84-2

Date Report Requested: 01/06/2023

Time Report Requested: 06:44:14

Lab: NTP

F1 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
PND1	6.87 ± 0.27 **	54 (9)	7.06 ± 0.27	102.79	33 (6)	6.87 ± 0.16	99.99	39 (7)	6.33 ± 0.09	92.17	24 (5)
PND4	10.68 ± 0.34 **	50 (8)	10.44 ± 0.40	97.80	33 (6)	10.25 ± 0.34	96.00	39 (7)	9.17 ± 0.14 *	85.90	24 (5)
PND7	14.79 ± 0.56 **	50 (8)	14.54 ± 0.67	98.31	33 (6)	14.35 ± 0.76	97.01	39 (7)	12.35 ± 0.20 *	83.50	24 (5)
PND14	26.32 ± 0.72 **	49 (8)	26.49 ± 0.94	100.64	32 (6)	26.34 ± 1.08	100.06	38 (7)	22.00 ± 0.69 **	83.60	24 (5)
PND21	44.26 ± 1.07 **	49 (8)	43.74 ± 1.42	98.83	32 (6)	41.79 ± 1.57	94.41	38 (7)	34.07 ± 1.26 **	76.96	24 (5)
PND25	61.26 ± 1.37 **	49 (8)	59.70 ± 1.70	97.45	32 (6)	55.96 ± 2.70	91.36	38 (7)	46.74 ± 0.94 **	76.30	24 (5)
PND28	73.93 ± 1.85 **	26 (5)	70.76 ± 2.29	95.71	29 (5)	70.22 ± 1.02	94.98	27 (5)	54.15 ± 0.00 **	73.24	7 (1)

Study Number: MOG10482-01

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary

Test Compound: N-Butylbenzenesulfonamide

CAS Number: 3622-84-2

Date Report Requested: 01/06/2023

Time Report Requested: 06:44:14

Lab: NTP

F1 Females

Phase Day	Treatment Groups (ppm)		
	5000		
	WT (g)	% of CNTL	N
PND1	5.88 ± 0.09 *	85.65	26 (6)
PND4	7.72 ± 0.39 **	72.26	26 (6)
PND7	8.98 ± 0.64 **	60.74	26 (6)
PND14	14.69 ± 0.92 **	55.80	23 (6)
PND21	22.33 ± 1.05 **	50.44	23 (6)
PND25	29.40 ± 1.13 **	48.00	23 (6)
PND28	35.36 ± 1.74 **	47.83	7 (3)

Study Number: MOG10482-01

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary

Test Compound: N-Butylbenzenesulfonamide

CAS Number: 3622-84-2

Date Report Requested: 01/06/2023

Time Report Requested: 06:44:14

Lab: NTP

F1 Pups

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
PND1	7.01 ± 0.29 **	93 (9)	7.22 ± 0.29	102.89	68 (6)	7.12 ± 0.15	101.57	78 (7)	6.54 ± 0.07	93.21	47 (5)
PND4	10.93 ± 0.30 **	88 (8)	10.67 ± 0.47	97.61	68 (6)	10.38 ± 0.36	95.00	78 (7)	9.54 ± 0.10 *	87.23	47 (5)
PND7	15.30 ± 0.44 **	87 (8)	14.85 ± 0.72	97.02	68 (6)	14.36 ± 0.76	93.85	78 (7)	12.61 ± 0.19 *	82.37	47 (5)
PND14	27.20 ± 0.63 **	86 (8)	27.03 ± 0.94	99.39	67 (6)	26.55 ± 1.03	97.62	75 (7)	22.30 ± 0.47 **	81.99	47 (5)
PND21	46.10 ± 1.11 **	86 (8)	45.09 ± 1.31	97.80	67 (6)	42.86 ± 1.66	92.98	75 (7)	34.36 ± 0.99 **	74.55	47 (5)
PND25	64.21 ± 1.37 **	86 (8)	62.22 ± 1.67	96.90	67 (6)	58.22 ± 2.62	90.67	75 (7)	47.80 ± 0.72 **	74.45	47 (5)
PND28	78.34 ± 1.95 **	48 (5)	74.27 ± 2.27	94.80	58 (5)	73.78 ± 1.64	94.18	52 (5)	55.67 ± 0.00 **	71.07	11 (1)

Study Number: MOG10482-01

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary

Test Compound: N-Butylbenzenesulfonamide

CAS Number: 3622-84-2

Date Report Requested: 01/06/2023

Time Report Requested: 06:44:14

Lab: NTP

F1 Pups

Treatment Groups (ppm)

Phase Day	5000		
	WT (g)	% of CNTL	N
PND1	6.03 ± 0.09 *	86.00	62 (6)
PND4	7.92 ± 0.38 **	72.48	62 (6)
PND7	9.45 ± 0.71 **	61.76	62 (6)
PND14	15.63 ± 1.28 **	57.48	56 (6)
PND21	23.88 ± 1.16 **	51.81	52 (6)
PND25	30.90 ± 1.57 **	48.13	52 (6)
PND28	39.32 ± 1.90 **	50.19	20 (3)

Study Number: MOG10482-01

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary

Test Compound: N-Butylbenzenesulfonamide

CAS Number: 3622-84-2

Date Report Requested: 01/06/2023

Time Report Requested: 06:44:14

Lab: NTP

LEGEND

N = the number of pups (number of litters)

PND - Postnatal Day, pups pre-weaning

PND4 weights are precull if litters are culled on postnatal day 4.

Data are displayed as the means and standard errors of the litter means.

Pup weights are adjusted for covariate litter size using total live on PND 1.

Statistical analysis was performed using mixed effects models with litter as a random effect, and a Dunnett-Hsu adjustment for multiple pairwise comparisons.

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 $P \leq 0.01$

PND 28 pup weights were inadvertently lost for numerous litters on study due to data collection errors, thus the decrease in N for that day

**** END OF REPORT ****