

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

R19: Pup Mean Body Weight Summary (Interim and Chronic Animals)
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 07/21/2021
Time Report Requested: 12:46:54
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

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 07/21/2021

Time Report Requested: 12:46:54

Lab: Battelle with CRL

F1 Males

Treatment Groups (mg/L)

Phase Day	0		30			100			300		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	7.16 ± 0.07 **	216 (38)	7.16 ± 0.10	100.04	207 (31)	6.99 ± 0.12	97.72	199 (32)	7.04 ± 0.07	98.31	220 (34)
PND4	10.58 ± 0.15 **	215 (38)	10.52 ± 0.16	99.49	206 (31)	10.13 ± 0.28	95.73	197 (32)	10.48 ± 0.13	99.10	219 (34)
PND7	16.80 ± 0.29 *	142 (38)	16.26 ± 0.33	96.74	126 (31)	15.88 ± 0.60	94.49	122 (32)	16.17 ± 0.27	96.25	139 (34)
PND10	23.99 ± 0.34 **	142 (38)	23.35 ± 0.41	97.30	126 (31)	23.18 ± 0.41	96.61	121 (31)	23.19 ± 0.37	96.65	139 (34)
PND14	33.57 ± 0.41 **	142 (38)	32.90 ± 0.50	97.99	125 (31)	32.85 ± 0.47	97.85	121 (31)	32.87 ± 0.45	97.91	139 (34)
PND17	40.47 ± 0.49 **	142 (38)	39.18 ± 0.58	96.82	125 (31)	39.40 ± 0.57	97.37	121 (31)	39.90 ± 0.51	98.60	139 (34)
PND21	55.30 ± 0.71 **	142 (38)	53.66 ± 0.78	97.03	125 (31)	53.28 ± 0.91	96.35	121 (31)	54.48 ± 0.73	98.52	139 (34)
PND24	68.77 ± 0.81 **	142 (38)	66.90 ± 0.95	97.28	125 (31)	66.87 ± 0.90	97.24	121 (31)	68.22 ± 0.89	99.20	139 (34)
PND28	87.91 ± 0.97 **	142 (38)	86.80 ± 1.30	98.74	125 (31)	86.51 ± 1.33	98.42	121 (31)	87.04 ± 1.13	99.02	139 (34)

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 07/21/2021

Time Report Requested: 12:46:54

Lab: Battelle with CRL

F1 Males

Phase Day	Treatment Groups (mg/L)		
	1000		
	WT (g)	% of CNTL	N
PND1	6.74 ± 0.08 **	94.20	222 (34)
PND4	9.86 ± 0.13 *	93.23	220 (34)
PND7	15.41 ± 0.28 *	91.72	135 (34)
PND10	21.76 ± 0.36 **	90.67	135 (34)
PND14	31.22 ± 0.45 **	93.01	135 (34)
PND17	38.07 ± 0.55 **	94.06	135 (34)
PND21	51.89 ± 0.74 **	93.83	135 (34)
PND24	64.64 ± 0.83 **	94.00	135 (34)
PND28	82.54 ± 1.11 **	93.89	135 (34)

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 07/21/2021

Time Report Requested: 12:46:54

Lab: Battelle with CRL

F1 Females

Treatment Groups (mg/L)

Phase Day	0		30			100			300		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.85 ± 0.08 **	206 (38)	6.89 ± 0.10	100.68	189 (31)	6.68 ± 0.13	97.53	171 (32)	6.61 ± 0.10	96.60	205 (34)
PND4	10.15 ± 0.15 **	206 (38)	10.08 ± 0.15	99.28	189 (31)	9.94 ± 0.16	97.95	170 (31)	9.85 ± 0.16	97.03	204 (34)
PND7	16.18 ± 0.28 **	143 (38)	15.77 ± 0.31	97.44	122 (31)	15.78 ± 0.28	97.54	119 (31)	15.22 ± 0.29	94.09	129 (34)
PND10	23.35 ± 0.35 **	143 (38)	22.70 ± 0.40	97.20	122 (31)	22.31 ± 0.40	95.54	119 (31)	22.05 ± 0.40	94.40	129 (34)
PND14	32.50 ± 0.42 **	143 (38)	31.95 ± 0.51	98.32	122 (31)	32.16 ± 0.38	98.97	117 (31)	31.52 ± 0.43	96.97	129 (34)
PND17	38.99 ± 0.51 **	143 (38)	38.04 ± 0.61	97.57	122 (31)	38.36 ± 0.44	98.40	117 (31)	38.04 ± 0.47	97.56	129 (34)
PND21	52.56 ± 0.65 **	143 (38)	51.26 ± 0.75	97.53	122 (31)	51.08 ± 0.70	97.18	117 (31)	51.36 ± 0.66	97.72	129 (34)
PND24	64.36 ± 0.83 **	143 (38)	62.68 ± 0.88	97.39	122 (31)	63.12 ± 0.67	98.06	117 (31)	62.90 ± 0.76	97.72	129 (34)
PND28	80.12 ± 0.78 **	143 (38)	79.00 ± 1.02	98.60	122 (31)	79.37 ± 1.01	99.07	117 (31)	78.58 ± 0.95	98.08	129 (34)

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 07/21/2021

Time Report Requested: 12:46:54

Lab: Battelle with CRL

F1 Females

Phase Day	Treatment Groups (mg/L)		
	1000		
	WT (g)	% of CNTL	N
PND1	6.42 ± 0.08 **	93.77	197 (34)
PND4	9.36 ± 0.16 **	92.21	197 (34)
PND7	14.66 ± 0.26 **	90.57	132 (34)
PND10	20.85 ± 0.33 **	89.26	132 (34)
PND14	30.00 ± 0.41 **	92.30	132 (34)
PND17	36.33 ± 0.48 **	93.20	132 (34)
PND21	49.05 ± 0.61 **	93.32	132 (34)
PND24	59.93 ± 0.72 **	93.11	132 (34)
PND28	75.72 ± 0.83 **	94.51	132 (34)

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 07/21/2021

Time Report Requested: 12:46:54

Lab: Battelle with CRL

F1 Pups

Treatment Groups (mg/L)

Phase Day	0		30			100			300		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	7.02 ± 0.07 **	422 (38)	7.04 ± 0.09	100.24	396 (31)	6.78 ± 0.14	96.47	370 (33)	6.84 ± 0.08	97.40	425 (34)
PND4	10.40 ± 0.14 **	421 (38)	10.32 ± 0.14	99.24	395 (31)	9.95 ± 0.26	95.67	367 (32)	10.20 ± 0.13	98.10	423 (34)
PND7	16.53 ± 0.28 **	285 (38)	16.01 ± 0.31	96.86	248 (31)	15.57 ± 0.58	94.22	241 (32)	15.74 ± 0.27	95.20	268 (34)
PND10	23.68 ± 0.34 **	285 (38)	23.03 ± 0.39	97.23	248 (31)	22.71 ± 0.39	95.90	240 (31)	22.66 ± 0.37	95.69	268 (34)
PND14	33.04 ± 0.41 **	285 (38)	32.43 ± 0.48	98.16	247 (31)	32.50 ± 0.40	98.38	238 (31)	32.25 ± 0.43	97.62	268 (34)
PND17	39.71 ± 0.48 **	285 (38)	38.61 ± 0.57	97.24	247 (31)	38.89 ± 0.47	97.93	238 (31)	39.04 ± 0.47	98.31	268 (34)
PND21	53.92 ± 0.67 **	285 (38)	52.47 ± 0.74	97.30	247 (31)	52.20 ± 0.77	96.81	238 (31)	53.05 ± 0.66	98.37	268 (34)
PND24	66.48 ± 0.80 **	285 (38)	64.80 ± 0.88	97.48	247 (31)	65.02 ± 0.75	97.81	238 (31)	65.77 ± 0.81	98.93	268 (34)
PND28	83.83 ± 0.92 **	285 (38)	82.94 ± 1.11	98.94	247 (31)	82.98 ± 1.14	98.98	238 (31)	83.06 ± 0.99	99.08	268 (34)

F1 Pups			
Phase Day	Treatment Groups (mg/L)		
	1000		
	WT (g)	% of CNTL	N
PND1	6.59 ± 0.07 **	93.87	419 (34)
PND4	9.63 ± 0.14 **	92.68	417 (34)
PND7	15.05 ± 0.25 **	91.07	267 (34)
PND10	21.31 ± 0.32 **	90.00	267 (34)
PND14	30.63 ± 0.40 **	92.69	267 (34)
PND17	37.22 ± 0.49 **	93.74	267 (34)
PND21	50.49 ± 0.62 **	93.64	267 (34)
PND24	62.32 ± 0.71 **	93.74	267 (34)
PND28	79.20 ± 0.92 **	94.48	267 (34)

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 07/21/2021

Time Report Requested: 12:46:54

Lab: Battelle with CRL

LEGEND

N = the number of pups (number of litters)

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.

PND - Postnatal Day, pups pre-weaning

Pup weights are adjusted for covariate litter size for all postnatal days. Total live on PND 1 for day 1 to cull day, and number of live pups after culling for later weight days.

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 $P \leq 0.01$

Three pup weight values and their corresponding weight gain intervals were excluded from both the separate and combined sexes ("Pup") analyses. One F1 control male on PND 1, one F1 male in the 100 mg/L dose group on PND 4, and one F1 male in the 1000 mg/L dose group on PND 1 were excluded.

**** END OF REPORT ****