

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 12:42:01
Lab: RTI

C Number:

MOG003B

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

Date Report Requested: 01/14/2020

Time Report Requested: 12:42:01

Lab: RTI

F1 Males

Treatment Groups (ppm)

Phase	0		1000			3000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	7.03 ± 0.08	131 (22)	7.08 ± 0.09	100.67	153 (24)	7.12 ± 0.08	101.31	110 (19)
PND4	10.30 ± 0.18	126 (21)	10.23 ± 0.15	99.28	151 (24)	10.39 ± 0.16	100.81	109 (19)
PND7	15.49 ± 0.30	100 (21)	15.06 ± 0.30	97.22	115 (24)	15.47 ± 0.27	99.91	91 (19)
PND10	21.44 ± 0.42 **	101 (21)	21.15 ± 0.36	98.64	115 (24)	20.93 ± 0.35	97.59	91 (19)
PND13	28.95 ± 0.45 **	100 (21)	28.08 ± 0.42	96.99	115 (24)	27.84 ± 0.58	96.15	91 (19)
PND16	36.03 ± 0.52 **	100 (21)	35.14 ± 0.45	97.55	113 (24)	33.63 ± 0.40 **	93.34	91 (19)
PND19	41.75 ± 0.48 **	100 (21)	40.98 ± 0.51	98.18	114 (24)	38.91 ± 0.43 **	93.21	90 (19)
PND21	49.50 ± 0.64 **	100 (21)	48.92 ± 0.73	98.82	114 (24)	46.35 ± 0.60 **	93.65	91 (19)
PND25	65.35 ± 0.72 **	100 (21)	65.21 ± 0.77	99.78	114 (24)	62.46 ± 0.82 *	95.58	91 (19)
PND28	83.10 ± 1.00 **	100 (21)	82.57 ± 1.07	99.36	114 (24)	79.35 ± 0.94 *	95.50	91 (19)

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

Date Report Requested: 01/14/2020

Time Report Requested: 12:42:01

Lab: RTI

F1 Males

Phase	Treatment Groups (ppm)		
	6000		
	WT (g)	% of CNTL	N
PND1	7.24 ± 0.11	103.01	120 (22)
PND4	10.41 ± 0.17	100.99	118 (22)
PND7	15.03 ± 0.23	97.05	97 (22)
PND10	20.00 ± 0.31 *	93.30	96 (22)
PND13	26.12 ± 0.34 **	90.22	95 (22)
PND16	31.71 ± 0.35 **	88.02	95 (22)
PND19	36.49 ± 0.39 **	87.41	95 (22)
PND21	42.46 ± 0.51 **	85.79	95 (22)
PND25	56.71 ± 0.89 **	86.77	95 (22)
PND28	72.36 ± 0.90 **	87.08	95 (22)

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

Date Report Requested: 01/14/2020

Time Report Requested: 12:42:01

Lab: RTI

F1 Females

Treatment Groups (ppm)

Phase	0		1000			3000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.70 ± 0.07	104 (21)	6.70 ± 0.08	99.92	158 (24)	6.68 ± 0.07	99.72	111 (19)
PND4	9.54 ± 0.32	101 (21)	9.45 ± 0.14	99.07	158 (24)	9.50 ± 0.13	99.60	110 (19)
PND7	14.55 ± 0.35	86 (20)	13.91 ± 0.31	95.64	122 (24)	14.11 ± 0.29	97.01	95 (19)
PND10	20.35 ± 0.42 **	86 (20)	19.59 ± 0.35	96.29	120 (24)	19.15 ± 0.39	94.10	95 (19)
PND13	27.43 ± 0.47 **	86 (20)	26.27 ± 0.41	95.77	119 (24)	25.24 ± 0.48 **	92.01	95 (19)
PND16	34.17 ± 0.49 **	86 (20)	32.80 ± 0.49	96.00	119 (24)	31.16 ± 0.49 **	91.18	95 (19)
PND19	39.67 ± 0.47 **	86 (20)	38.28 ± 0.55	96.49	119 (24)	36.18 ± 0.51 **	91.21	95 (19)
PND21	46.79 ± 0.70 **	86 (20)	45.15 ± 0.73	96.48	119 (24)	42.51 ± 0.69 **	90.85	95 (19)
PND25	60.76 ± 0.98 **	86 (20)	59.38 ± 0.83	97.73	119 (24)	56.40 ± 0.97 **	92.83	95 (19)
PND28	76.05 ± 1.11 **	86 (20)	74.32 ± 1.03	97.72	119 (24)	70.49 ± 1.03 **	92.68	95 (19)

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 12:42:01
Lab: RTI

F1 Females

Phase	Treatment Groups (ppm)		
	6000		
	WT (g)	% of CNTL	N
PND1	6.74 ± 0.09	100.58	124 (22)
PND4	9.51 ± 0.16	99.69	122 (22)
PND7	13.76 ± 0.23	94.57	102 (22)
PND10	18.26 ± 0.29 **	89.75	102 (22)
PND13	24.10 ± 0.32 **	87.86	101 (22)
PND16	29.37 ± 0.33 **	85.95	101 (22)
PND19	33.77 ± 0.41 **	85.13	101 (22)
PND21	38.98 ± 0.49 **	83.31	101 (22)
PND25	51.73 ± 0.76 **	85.14	101 (22)
PND28	64.86 ± 0.87 **	85.28	101 (22)

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

Date Report Requested: 01/14/2020

Time Report Requested: 12:42:01

Lab: RTI

F1 Pups

Treatment Groups (ppm)

Phase	0		1000			3000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.90 ± 0.07	235 (22)	6.89 ± 0.08	99.81	311 (24)	6.91 ± 0.07	100.02	221 (19)
PND4	9.88 ± 0.30	227 (22)	9.84 ± 0.15	99.66	309 (24)	9.94 ± 0.14	100.67	219 (19)
PND7	15.07 ± 0.28	186 (21)	14.47 ± 0.31	96.03	237 (24)	14.80 ± 0.27	98.26	186 (19)
PND10	20.93 ± 0.37 **	187 (21)	20.36 ± 0.35	97.28	235 (24)	20.06 ± 0.35	95.85	186 (19)
PND13	28.25 ± 0.39 **	186 (21)	27.16 ± 0.41	96.14	234 (24)	26.57 ± 0.45 *	94.04	186 (19)
PND16	35.17 ± 0.45 **	186 (21)	33.96 ± 0.47	96.55	232 (24)	32.41 ± 0.42 **	92.16	186 (19)
PND19	40.81 ± 0.41 **	186 (21)	39.63 ± 0.52	97.09	233 (24)	37.59 ± 0.45 **	92.09	185 (19)
PND21	48.24 ± 0.58 **	186 (21)	47.02 ± 0.73	97.47	233 (24)	44.49 ± 0.61 **	92.23	186 (19)
PND25	63.26 ± 0.77 **	186 (21)	62.31 ± 0.80	98.50	233 (24)	59.52 ± 0.87 **	94.08	186 (19)
PND28	79.86 ± 0.96 **	186 (21)	78.47 ± 1.04	98.25	233 (24)	75.01 ± 0.95 **	93.92	186 (19)

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 12:42:01
Lab: RTI

F1 Pups

Phase	Treatment Groups (ppm)		
	6000		
	WT (g)	% of CNTL	N
PND1	7.01 ± 0.09	101.46	244 (22)
PND4	9.98 ± 0.16	101.08	240 (22)
PND7	14.40 ± 0.22	95.56	199 (22)
PND10	19.15 ± 0.28 **	91.49	198 (22)
PND13	25.08 ± 0.32 **	88.77	196 (22)
PND16	30.48 ± 0.31 **	86.65	196 (22)
PND19	35.06 ± 0.36 **	85.90	196 (22)
PND21	40.66 ± 0.46 **	84.28	196 (22)
PND25	54.11 ± 0.78 **	85.53	196 (22)
PND28	68.42 ± 0.77 **	85.67	196 (22)

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

Date Report Requested: 01/14/2020

Time Report Requested: 12:42:01

Lab: RTI

F2 Males: Fertility Females

Treatment Groups (ppm)

Phase	0		1000			3000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.97 ± 0.09	165 (25)	6.86 ± 0.14	98.50	208 (33)	6.72 ± 0.09	96.42	167 (24)
PND4	9.80 ± 0.18 *	163 (25)	9.56 ± 0.23	97.57	206 (32)	8.82 ± 0.27 *	89.99	160 (24)
PND7	13.62 ± 0.41	102 (25)	13.42 ± 0.41	98.52	155 (32)	12.62 ± 0.39	92.63	97 (21)
PND10	19.25 ± 0.63 *	96 (25)	19.29 ± 0.56	100.18	139 (32)	17.60 ± 0.58	91.39	91 (21)
PND13	26.51 ± 0.81 **	94 (25)	26.23 ± 0.63	98.95	135 (32)	24.85 ± 0.67	93.73	86 (21)
PND16	33.94 ± 0.99 **	94 (25)	33.33 ± 0.69	98.20	133 (32)	31.80 ± 0.86	93.69	86 (21)
PND19	39.87 ± 1.12 **	94 (25)	39.25 ± 0.83	98.46	135 (32)	37.90 ± 1.00	95.06	86 (21)
PND21	46.42 ± 1.39 **	94 (25)	45.98 ± 1.14	99.06	135 (32)	43.38 ± 1.20	93.46	86 (21)
PND25	63.33 ± 1.93 **	94 (25)	62.71 ± 1.44	99.03	135 (32)	58.79 ± 1.77	92.84	86 (21)
PND28	78.82 ± 2.28 **	94 (25)	78.57 ± 1.68	99.69	135 (32)	73.66 ± 2.05	93.46	86 (21)

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 12:42:01
Lab: RTI

F2 Males: Fertility Females

Phase	Treatment Groups (ppm)		
	6000		
	WT (g)	% of CNTL	N
PND1	6.77 ± 0.08	97.16	159 (25)
PND4	9.05 ± 0.22	92.38	156 (25)
PND7	12.97 ± 0.44	95.22	109 (24)
PND10	17.79 ± 0.49	92.40	99 (23)
PND13	23.88 ± 0.55 **	90.07	97 (23)
PND16	29.64 ± 0.66 **	87.32	96 (23)
PND19	34.66 ± 0.73 **	86.95	96 (23)
PND21	39.65 ± 0.86 **	85.41	96 (23)
PND25	54.13 ± 1.09 **	85.48	96 (23)
PND28	67.66 ± 1.32 **	85.84	96 (23)

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

Date Report Requested: 01/14/2020

Time Report Requested: 12:42:01

Lab: RTI

F2 Females: Fertility Females

Treatment Groups (ppm)

Phase	0		1000			3000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.58 ± 0.14	194 (26)	6.51 ± 0.10	98.93	214 (33)	6.41 ± 0.08	97.41	185 (24)
PND4	8.87 ± 0.29	190 (26)	8.89 ± 0.22	100.14	211 (32)	8.34 ± 0.28	94.02	181 (24)
PND7	12.42 ± 0.50	131 (25)	12.77 ± 0.36	102.89	135 (32)	11.74 ± 0.47	94.56	104 (21)
PND10	17.74 ± 0.80	116 (25)	18.61 ± 0.51	104.90	126 (32)	17.07 ± 0.67	96.20	92 (20)
PND13	25.06 ± 0.87 **	110 (24)	25.09 ± 0.65	100.09	126 (32)	24.24 ± 0.76	96.72	85 (20)
PND16	32.38 ± 0.95 **	110 (24)	32.15 ± 0.73	99.28	125 (32)	30.78 ± 0.94	95.03	85 (20)
PND19	37.88 ± 1.12 **	110 (24)	37.80 ± 0.83	99.81	125 (32)	36.56 ± 0.93	96.52	85 (20)
PND21	43.66 ± 1.45 **	110 (24)	44.09 ± 1.06	100.99	125 (32)	41.39 ± 1.16	94.79	85 (20)
PND25	58.53 ± 1.81 **	110 (24)	58.51 ± 1.41	99.97	125 (32)	55.07 ± 1.57	94.09	85 (20)
PND28	71.40 ± 2.07 **	110 (24)	71.98 ± 1.65	100.82	125 (32)	68.01 ± 1.84	95.25	85 (20)

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 12:42:01
Lab: RTI

F2 Females: Fertility Females

Phase	Treatment Groups (ppm)		
	6000		
	WT (g)	% of CNTL	N
PND1	6.52 ± 0.10	99.07	171 (25)
PND4	8.51 ± 0.23	95.94	166 (25)
PND7	12.36 ± 0.47	99.54	113 (24)
PND10	17.41 ± 0.51	98.12	103 (23)
PND13	23.22 ± 0.54 *	92.65	102 (23)
PND16	28.70 ± 0.61 **	88.62	102 (23)
PND19	33.57 ± 0.66 **	88.62	102 (23)
PND21	38.69 ± 0.85 **	88.62	102 (23)
PND25	51.66 ± 1.07 **	88.25	102 (23)
PND28	63.81 ± 1.31 **	89.38	102 (23)

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

Date Report Requested: 01/14/2020

Time Report Requested: 12:42:01

Lab: RTI

F2 Pups: Fertility Females

Treatment Groups (ppm)

Phase	0		1000			3000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	6.70 ± 0.14	359 (26)	6.69 ± 0.12	99.81	422 (33)	6.56 ± 0.08	97.93	352 (24)
PND4	9.18 ± 0.29	353 (26)	9.24 ± 0.23	100.58	417 (32)	8.61 ± 0.27	93.75	341 (24)
PND7	12.74 ± 0.49	233 (26)	13.13 ± 0.37	103.06	290 (32)	12.19 ± 0.41	95.69	201 (21)
PND10	18.04 ± 0.78	212 (26)	19.00 ± 0.49	105.29	265 (32)	17.30 ± 0.57	95.87	183 (21)
PND13	25.14 ± 0.99 **	204 (26)	25.74 ± 0.60	102.42	261 (32)	24.48 ± 0.62	97.38	171 (21)
PND16	32.30 ± 1.18 **	204 (26)	32.87 ± 0.64	101.77	258 (32)	31.18 ± 0.77	96.55	171 (21)
PND19	37.77 ± 1.40 **	204 (26)	38.67 ± 0.78	102.38	260 (32)	37.08 ± 0.86	98.18	171 (21)
PND21	43.68 ± 1.78 **	204 (26)	45.18 ± 1.02	103.41	260 (32)	42.23 ± 1.09	96.67	171 (21)
PND25	59.24 ± 2.32 **	204 (26)	60.77 ± 1.31	102.58	260 (32)	56.62 ± 1.59	95.59	171 (21)
PND28	73.15 ± 2.63 **	204 (26)	75.46 ± 1.55	103.16	260 (32)	70.48 ± 1.84	96.35	171 (21)

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 12:42:01
Lab: RTI

F2 Pups: Fertility Females

Phase	Treatment Groups (ppm)		
	6000		
	WT (g)	% of CNTL	N
PND1	6.64 ± 0.09	99.13	330 (25)
PND4	8.79 ± 0.21	95.73	322 (25)
PND7	12.69 ± 0.42	99.58	222 (24)
PND10	17.63 ± 0.43	97.73	202 (23)
PND13	23.61 ± 0.45 *	93.93	199 (23)
PND16	29.23 ± 0.56 **	90.51	198 (23)
PND19	34.13 ± 0.64 **	90.36	198 (23)
PND21	39.17 ± 0.78 **	89.68	198 (23)
PND25	52.97 ± 0.99 **	89.42	198 (23)
PND28	65.76 ± 1.19 **	89.90	198 (23)

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 12:42:01
Lab: RTI

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. 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 models with dam ID as a random effect for both trend and pairwise tests, using Dunnett-Hsu adjustment for multiple 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 $P \leq 0.01$

Pup weights were excluded as outliers for the F1 1000 ppm group on PND 16 for one pup; for the F1 3000 ppm group for PND 19 for one pup; for the F2 1000 ppm group for PND 16 for two pups.

**** END OF REPORT ****