

**Study Number:** MOG003  
**Test Type:** MOG - Range Finding  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**I04: Mean Body Weight Summary**  
**Test Compound:** 2-Ethylhexyl p-Methoxycinnamate  
**CAS Number:** 5466-77-3

**Date Report Requested:** 01/14/2020  
**Time Report Requested:** 07:19:59  
**Lab:** RTI

**C Number:** MOG003  
**Study Gender:** Female  
**PWG Approval Date** See web page for date of PWG Approval

Study Number: MOG003

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

I04: Mean Body Weight Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

Date Report Requested: 01/14/2020

Time Report Requested: 07:19:59

Lab: RTI

F0 Females

Treatment Groups (ppm)

Phase Day	0			2250			5000			10000		
	Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD3	218.2 ± 4.1	12		216.9 ± 2.7	99.4	12	221.1 ± 4.9	101.3	6	217.8 ± 3.0	99.8	8
GD4	224.5 ± 3.7	12		221.9 ± 3.0	98.8	12	224.0 ± 4.0	99.8	6	222.3 ± 3.1	99.0	8
GD5	228.6 ± 4.6	12		226.6 ± 2.8	99.1	12	229.9 ± 4.3	100.6	6	226.5 ± 3.7	99.1	8
GD6	232.7 ± 4.0	12		229.4 ± 2.6	98.6	12	232.4 ± 3.9	99.9	6	229.7 ± 3.5	98.7	8
GD7	237.2 ± 4.8	12		235.3 ± 2.8	99.2	12	238.9 ± 4.6	100.7	6	233.8 ± 3.8	98.6	8
GD8	240.5 ± 4.5 **	12		239.5 ± 2.6	99.6	12	242.6 ± 3.8	100.9	6	234.8 ± 3.3	97.6	8
GD9	245.0 ± 4.7 **	12		243.1 ± 3.1	99.2	12	247.5 ± 4.7	101.0	6	237.9 ± 4.2	97.1	8
GD10	250.0 ± 4.3 **	12		248.5 ± 2.7	99.4	12	252.4 ± 3.7	100.9	6	242.7 ± 2.9	97.1	8
GD11	255.9 ± 4.9 **	12		254.5 ± 2.9	99.5	12	257.7 ± 4.2	100.7	6	248.8 ± 4.5	97.2	8
GD12	259.8 ± 5.0 **	12		258.5 ± 3.0	99.5	12	262.2 ± 4.7	100.9	6	251.8 ± 5.1	96.9	8
GD13	263.5 ± 5.2 **	12		262.3 ± 3.1	99.6	12	267.4 ± 4.5	101.5	6	254.8 ± 4.8	96.7	8
GD14	270.0 ± 4.8 **	12		269.7 ± 2.8	99.9	12	270.4 ± 5.2	100.2	6	261.8 ± 4.5	97.0	8
GD15	278.1 ± 5.4 **	12		277.5 ± 3.3	99.8	12	280.3 ± 5.3	100.8	6	272.5 ± 6.0	98.0	8
GD16	285.5 ± 5.4 **	12		284.9 ± 3.9	99.8	12	288.6 ± 4.9	101.1	6	281.1 ± 5.8	98.5	8
GD17	298.9 ± 5.6 **	12		297.6 ± 4.1	99.5	12	299.4 ± 4.9	100.2	6	295.7 ± 7.1	98.9	8
GD18	311.6 ± 6.3 **	12		312.6 ± 4.8	100.3	12	312.0 ± 5.7	100.1	6	309.4 ± 7.6	99.3	8
GD19	317.8 ± 8.5 **	9		322.8 ± 5.9	101.6	9	325.4 ± 6.6	102.4	6	323.7 ± 7.8	101.9	8
GD20	328.7 ± 10.0 **	9		333.4 ± 6.5	101.4	9	342.3 ± 6.9	104.1	6	335.2 ± 8.7	102.0	8
GD21	339.7 ± 9.3 **	9		344.2 ± 5.6	101.3	9	350.0 ± 5.8	103.0	6	343.4 ± 9.0	101.1	7
LD1	254.7 ± 3.7 **	8		249.4 ± 4.5	97.9	9	255.2 ± 5.4	100.2	6	247.5 ± 5.4	97.2	8
LD4	271.2 ± 5.6 **	8		266.6 ± 3.8	98.3	9	270.8 ± 4.4	99.9	6	253.2 ± 6.8 *	93.4	8
LD7	275.8 ± 2.5 *	5		270.3 ± 4.0	98.0	6	276.3 ± 4.1	100.2	6	261.2 ± 6.9	94.7	6
LD14	279.6 ± 6.3 *	5		287.9 ± 4.8	103.0	6	289.0 ± 5.7	103.4	6	248.0 ± 13.0 *	88.7	6
LD21	272.7 ± 9.5	5		278.3 ± 5.7	102.0	6	284.8 ± 6.7	104.4	6	234.0 ± 14.1 *	85.8	6
LD25	263.2 ± 3.6	5		266.3 ± 7.2	101.2	6	282.0 ± 4.2	107.1	6	245.6 ± 10.6	93.3	6
LD28	255.9 ± 3.5	5		260.7 ± 4.9	101.9	6	272.4 ± 4.2	106.5	6	252.6 ± 6.7	98.7	6

Study Number: MOG003

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

I04: Mean Body Weight Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

Date Report Requested: 01/14/2020

Time Report Requested: 07:19:59

Lab: RTI

F0 Females

Phase Day	Treatment Groups (ppm)		
	20000		
	Wt (g)	% of CNTL	N
GD3	220.3 ± 3.6	100.9	13
GD4	224.9 ± 3.3	100.2	13
GD5	229.2 ± 3.5	100.3	13
GD6	232.9 ± 3.5	100.1	13
GD7	229.2 ± 3.3	96.7	13
GD8	227.5 ± 3.1 **	94.6	13
GD9	229.5 ± 3.2 **	93.7	13
GD10	230.0 ± 2.5 **	92.0	13
GD11	231.8 ± 2.9 **	90.6	13
GD12	231.0 ± 3.0 **	88.9	13
GD13	233.6 ± 3.3 **	88.7	13
GD14	235.4 ± 3.5 **	87.2	13
GD15	239.3 ± 3.9 **	86.1	13
GD16	242.2 ± 4.4 **	84.8	13
GD17	246.7 ± 4.9 **	82.5	13
GD18	253.4 ± 4.4 **	81.3	13
GD19	252.7 ± 5.0 **	79.5	10
GD20	260.7 ± 5.7 **	79.3	10
GD21	265.9 ± 7.2 **	78.3	10
LD1	203.7 ± 7.9 **	80.0	8
LD4	204.8 ± 6.4 **	75.5	8
LD7	193.5 ± 0.8 **	70.2	2
LD14	176.0 ± 4.2 **	63.0	2
LD21	NR		
LD25	NR		
LD28	NR		

**Study Number:** MOG003

**Test Type:** MOG - Range Finding

**Route:** Dosing in Feed

**Species/Strain:** Rat/Sprague-Dawley

**I04: Mean Body Weight Summary**

**Test Compound:** 2-Ethylhexyl p-Methoxycinnamate

**CAS Number:** 5466-77-3

**Date Report Requested:** 01/14/2020

**Time Report Requested:** 07:19:59

**Lab:** RTI

LEGEND

---

Data are displayed as mean  $\pm$  SEM

GD - Gestation Day; LD - Lactation 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  $P \leq 0.01$

The 20000 ppm exposure group was removed on postnatal day 14.

NR not recorded

**\*\* END OF REPORT \*\***