

Study Number: MOG006

Test Type: MOG - Range Finding

Route: Oral Gavage - Constant Volume

Species/Strain: Rat/Sprague-Dawley

C Number:

MOG006

Study Gender:

Female

PWG Approval Date

See web page for date of PWG Approval

I04G: Mean Body Weight Gain

Test Compound: Hydroxyurea

CAS Number: 127-07-1

Date Report Requested: 03/02/2020

Time Report Requested: 10:27:30

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F0 Females

Treatment Groups (mg/kg/day)

Phase	Days	0		37.5		75		100		150	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	3 - 6	11.8 ± 1.2	8	10.8 ± 1.0	6	11.1 ± 1.5	8	13.0 ± 1.5	7	13.7 ± 1.2	7
	6 - 9	16.5 ± 1.1	8	12.9 ± 1.3	6	16.6 ± 0.9	8	15.2 ± 1.0	7	16.7 ± 0.8	7
	9 - 12	14.0 ± 0.9 *	8	14.2 ± 1.2	6	15.7 ± 0.6	8	13.6 ± 1.3	7	17.3 ± 0.8	7
	12 - 15	20.7 ± 1.2	8	22.1 ± 1.0	6	20.1 ± 1.3	8	20.3 ± 2.0	7	22.6 ± 1.8	7
	15 - 17	21.5 ± 1.2	8	21.7 ± 1.7	6	24.1 ± 1.2	8	23.6 ± 2.9	7	22.0 ± 2.8	7
	6 - 17	72.7 ± 2.9	8	70.9 ± 3.3	6	76.5 ± 1.8	8	72.7 ± 5.7	7	78.6 ± 4.4	7
	17 - 19	30.7 ± 1.8	8	28.6 ± 1.9	6	27.9 ± 1.3	8	28.7 ± 2.5	7	27.4 ± 2.8	7
	19 - 21	30.3 ± 2.7	8	30.0 ± 1.6	6	31.3 ± 1.2	8	28.5 ± 3.8	7	28.7 ± 3.7	7
17 - 21	61.0 ± 4.2	8	58.6 ± 3.2	6	59.3 ± 1.4	8	57.2 ± 6.1	7	56.2 ± 6.0	7	
Lactation	1 - 4	11.3 ± 2.7	8	9.1 ± 4.0	6	5.3 ± 3.0	8	12.6 ± 2.3	7	6.8 ± 5.3	7
	4 - 7	12.8 ± 1.9	8	9.0 ± 4.0	5	14.1 ± 2.3	7	17.3 ± 2.4	7	14.2 ± 2.4	6
	7 - 14	9.0 ± 2.9	8	7.7 ± 4.6	5	9.2 ± 3.7	7	3.4 ± 3.8	7	8.2 ± 2.7	6
	14 - 21	-14.4 ± 4.4	8	-13.8 ± 4.3	5	-6.7 ± 3.9	7	-7.5 ± 4.4	7	NR	
	21 - 25	-10.6 ± 6.0	8	-16.2 ± 4.3	5	-14.7 ± 2.9	7	-6.7 ± 5.1	7	NR	
	25 - 28	-14.0 ± 3.7	8	-16.2 ± 2.8	5	-19.6 ± 5.6	7	-7.9 ± 1.6	7	NR	
	1 - 28	-6.0 ± 3.3	8	-17.6 ± 5.0	5	-9.8 ± 7.5	7	11.3 ± 4.8	7	NR	

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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 $P \leq 0.01$

Change in N for lactational day 17 in the 37.5 mg/kg group is due to one female's body weight being excluded as an implausible value.

NR not recorded

**** END OF REPORT ****