

**Experiment Number:** R12103  
**Test Type:** Teratology - Range Finding  
**Route:** Oral Gavage  
**Species/Strain:** Rat/Harlan Sprague Dawley

**I04G: Mean Body Weight Gain**  
**Test Compound:** Vinpocetine  
**CAS Number:** 42971-09-5

**Date Report Requested:** 12/15/2016  
**Time Report Requested:** 13:09:20  
**Lab:** Southern Research

**C Number:** R12103  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Female

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F0 Females

Treatment Groups (mg/kg/day)

Phase	Litter ID	Days	0		20		40		80		160	
			Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	A	3 - 6	13.9 ± 3.4	8	11.9 ± 0.8	10	9.3 ± 1.9	8	13.6 ± 2.3	10	11.6 ± 1.7	10
		6 - 9	14.6 ± 1.5 **	8	13.8 ± 1.6	10	5.2 ± 4.8 *	8	2.1 ± 2.2 **	10	-10.2 ± 2.2 **	10
		9 - 12	15.0 ± 1.2 *	8	18.0 ± 1.0	10	20.6 ± 3.6	8	16.9 ± 2.3	10	15.3 ± 1.9	10
		12 - 15	19.0 ± 1.9 **	8	18.8 ± 1.8	10	16.1 ± 2.6	8	6.2 ± 1.5 **	10	8.0 ± 2.7 **	10
		15 - 18	41.1 ± 1.4 **	8	38.7 ± 2.8	10	23.4 ± 6.7 **	8	8.5 ± 1.3 **	10	5.6 ± 1.3 **	10
		18 - 21	47.4 ± 2.2 **	8	45.2 ± 3.4	10	43.8 ± 6.7	8	0.6 ± 2.3 **	10	6.0 ± 2.7 **	10
		6 - 21	137.1 ± 5.3 **	8	134.5 ± 8.5	10	109.1 ± 14.3 *	8	34.3 ± 3.1 **	10	24.8 ± 4.3 **	10

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**F0 Females**

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Phase	Litter ID	Days	Treatment Groups	
			320	
			Wt Gain (g)	N
Gestation	A	3 - 6	12.2 ± 1.7	9
		6 - 9	-21.6 ± 3.0 **	9
		9 - 12	4.4 ± 2.6 **	9
		12 - 15	8.3 ± 2.0 **	9
		15 - 18	7.2 ± 2.2 **	9
		18 - 21	11.0 ± 2.8 **	9
		6 - 21	9.3 ± 2.4 **	9

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#### LEGEND

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Data are displayed as mean  $\pm$  SEM

Statistical analysis performed by Jonckheere (trend) and William or Dunnett (pairwise) tests

Statistical significance for the control group indicates a significant trend test

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

SD – Study Phase; GD – Gestation Phase; LD – Lactation Phase; PND – Postnatal Phase, adults post-weaning

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