

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

**I04: Mean Body Weight Summary**

**Test Compound:** Vinpocetine  
**CAS Number:** 42971-09-5

**Date Report Requested:** 12/15/2016  
**Time Report Requested:** 13:09:14  
**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 Day	Litter ID	0			20			40			80		
		Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD3	A	232.3 ± 4.6	8		229.9 ± 3.8	99.0	10	229.1 ± 3.6	98.6	8	228.2 ± 4.3	98.3	10
GD4	A	233.8 ± 5.8	8		234.7 ± 3.8	100.4	10	234.5 ± 4.0	100.3	8	232.9 ± 3.9	99.6	10
GD5	A	242.3 ± 3.0	8		239.8 ± 3.9	98.9	10	236.2 ± 4.0	97.5	8	236.2 ± 5.1	97.5	10
GD6	A	246.1 ± 2.9	8		241.7 ± 3.7	98.2	10	238.4 ± 2.9	96.9	8	241.8 ± 2.9	98.2	10
GD7	A	247.8 ± 4.2 **	8		244.1 ± 3.1	98.5	10	235.9 ± 2.9 *	95.2	8	234.3 ± 3.4 *	94.5	10
GD8	A	255.6 ± 2.6 **	8		250.3 ± 4.2	97.9	10	238.3 ± 4.1 **	93.2	8	237.1 ± 2.8 **	92.8	10
GD9	A	260.7 ± 3.6 **	8		255.6 ± 4.4	98.0	10	243.6 ± 5.4 **	93.4	8	243.9 ± 2.3 **	93.5	10
GD10	A	264.7 ± 2.9 **	8		262.5 ± 4.8	99.2	10	247.6 ± 6.6 *	93.5	8	251.4 ± 3.2 *	95.0	10
GD11	A	271.6 ± 3.3 **	8		267.3 ± 4.6	98.4	10	257.2 ± 3.9 *	94.7	8	254.3 ± 2.1 **	93.7	10
GD12	A	275.7 ± 3.2 **	8		273.6 ± 4.5	99.2	10	264.2 ± 3.2	95.8	8	260.8 ± 2.7 **	94.6	10
GD13	A	281.6 ± 3.4 **	8		279.7 ± 4.8	99.3	10	269.2 ± 3.4	95.6	8	264.2 ± 2.9 **	93.8	10
GD14	A	288.5 ± 2.6 **	8		283.2 ± 4.7	98.2	10	273.3 ± 3.7 *	94.7	8	263.0 ± 2.9 **	91.2	10
GD15	A	294.7 ± 2.9 **	8		292.4 ± 5.7	99.2	10	280.3 ± 3.7 *	95.1	8	267.0 ± 3.3 **	90.6	10
GD16	A	306.0 ± 2.9 **	8		304.6 ± 6.3	99.5	10	285.4 ± 5.2 **	93.3	8	271.5 ± 3.0 **	88.7	10
GD17	A	318.9 ± 2.3 **	8		317.3 ± 6.9	99.5	10	295.4 ± 6.9 **	92.6	8	273.2 ± 3.1 **	85.7	10
GD18	A	335.8 ± 3.1 **	8		331.0 ± 8.1	98.6	10	303.7 ± 7.6 **	90.4	8	275.5 ± 2.3 **	82.0	10
GD19	A	350.8 ± 3.6 **	8		346.6 ± 9.2	98.8	10	318.4 ± 9.7 **	90.8	8	278.9 ± 3.2 **	79.5	10
GD20	A	368.6 ± 4.1 **	8		362.4 ± 9.7	98.3	10	334.3 ± 12.0 **	90.7	8	275.0 ± 3.1 **	74.6	10
GD21	A	383.2 ± 4.7 **	8		376.2 ± 10.7	98.2	10	347.5 ± 13.9 **	90.7	8	276.1 ± 3.4 **	72.0	10

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F0 Females

Phase Day	Litter ID	Treatment Groups (mg/kg/day)					
		160			320		
		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD3	A	229.9 ± 3.9	99.0	10	228.7 ± 3.6	98.4	9
GD4	A	234.8 ± 3.8	100.4	10	229.9 ± 4.8	98.3	9
GD5	A	238.9 ± 3.6	98.6	10	239.1 ± 3.6	98.7	9
GD6	A	241.5 ± 3.6	98.1	10	240.9 ± 4.1	97.9	9
GD7	A	226.1 ± 3.6 **	91.2	10	224.1 ± 4.1 **	90.4	9
GD8	A	219.7 ± 4.0 **	85.9	10	214.9 ± 4.5 **	84.1	9
GD9	A	231.3 ± 3.4 **	88.7	10	219.3 ± 4.5 **	84.1	9
GD10	A	233.6 ± 4.6 **	88.3	10	222.8 ± 5.8 **	84.2	9
GD11	A	240.6 ± 3.9 **	88.6	10	222.3 ± 5.7 **	81.9	9
GD12	A	246.7 ± 3.2 **	89.5	10	223.7 ± 4.8 **	81.1	9
GD13	A	251.3 ± 4.2 **	89.2	10	229.0 ± 5.7 **	81.3	9
GD14	A	251.4 ± 4.0 **	87.1	10	234.1 ± 5.9 **	81.1	9
GD15	A	254.7 ± 3.7 **	86.4	10	232.1 ± 4.5 **	78.7	9
GD16	A	254.3 ± 5.2 **	83.1	10	233.1 ± 4.6 **	76.2	9
GD17	A	257.0 ± 4.1 **	80.6	10	237.1 ± 5.3 **	74.4	9
GD18	A	260.3 ± 4.3 **	77.5	10	239.2 ± 4.0 **	71.2	9
GD19	A	264.6 ± 4.0 **	75.4	10	243.9 ± 5.4 **	69.5	9
GD20	A	267.0 ± 4.8 **	72.4	10	248.2 ± 5.3 **	67.3	9
GD21	A	266.3 ± 5.4 **	69.5	10	250.2 ± 5.3 **	65.3	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 Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

In multigenerational studies bodyweights reported for all animals until mating; pregnant animals only during gestation and littering; all animals post-weaning of the last litter

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