

Experiment Number: R12103D
Test Type: Teratology - Range Finding
Route: Oral Gavage
Species/Strain: Rabbit/New Zealand White

I04: Mean Body Weight Summary

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

Date Report Requested: 12/15/2016

Time Report Requested: 13:10:48

Lab: Southern Research

C Number: R12103D
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			25			75			150		
		Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD3	A	2957.8 ± 69.5	8		2886.7 ± 43.5	97.6	7	2960.4 ± 89.5	100.1	8	3025.3 ± 110.2	102.3	8
GD4	A	2991.9 ± 67.3	8		2912.1 ± 38.0	97.3	7	3007.7 ± 90.2	100.5	8	3036.1 ± 109.1	101.5	8
GD5	A	3002.4 ± 68.4	8		2923.2 ± 34.8	97.4	7	3020.9 ± 87.1	100.6	8	3034.9 ± 104.7	101.1	8
GD6	A	3021.6 ± 68.8	8		2940.3 ± 28.9	97.3	7	3050.8 ± 95.2	101.0	8	3051.1 ± 102.2	101.0	8
GD7	A	3039.3 ± 68.8	8		2948.3 ± 31.5	97.0	7	3068.4 ± 89.7	101.0	8	3094.6 ± 100.5	101.8	8
GD8	A	3065.1 ± 67.7	8		2974.1 ± 40.4	97.0	7	3112.9 ± 88.3	101.6	8	3092.1 ± 98.9	100.9	8
GD9	A	3092.5 ± 68.6	8		3009.9 ± 36.4	97.3	7	3117.5 ± 84.0	100.8	8	3109.5 ± 96.4	100.6	8
GD10	A	3117.3 ± 65.2	8		3015.8 ± 41.1	96.7	7	3141.7 ± 85.7	100.8	8	3126.2 ± 103.0	100.3	8
GD11	A	3122.8 ± 68.6	8		3031.9 ± 38.8	97.1	7	3154.1 ± 89.6	101.0	8	3130.7 ± 104.1	100.3	8
GD12	A	3149.2 ± 55.7	8		3070.7 ± 29.0	97.5	7	3192.3 ± 91.8	101.4	8	3150.4 ± 100.7	100.0	8
GD13	A	3179.6 ± 57.7	8		3077.0 ± 30.0	96.8	7	3219.6 ± 93.8	101.3	8	3152.4 ± 97.6	99.1	8
GD14	A	3218.9 ± 57.1	8		3133.2 ± 26.0	97.3	7	3251.1 ± 92.1	101.0	8	3180.9 ± 107.3	98.8	8
GD15	A	3254.5 ± 57.8	8		3168.4 ± 29.0	97.4	7	3263.8 ± 88.7	100.3	8	3186.5 ± 107.3	97.9	8
GD16	A	3272.3 ± 56.7	8		3201.2 ± 40.6	97.8	7	3271.0 ± 87.0	100.0	8	3186.1 ± 107.1	97.4	8
GD17	A	3269.7 ± 51.3	8		3196.3 ± 37.6	97.8	7	3277.2 ± 86.6	100.2	8	3194.0 ± 112.4	97.7	8
GD18	A	3274.6 ± 57.6	8		3187.8 ± 35.9	97.3	7	3274.8 ± 80.7	100.0	8	3199.0 ± 107.1	97.7	8
GD19	A	3294.9 ± 55.3 *	8		3219.5 ± 36.3	97.7	7	3283.2 ± 76.0	99.6	8	3197.7 ± 102.5	97.1	8
GD20	A	3307.4 ± 57.4 *	8		3215.4 ± 36.5	97.2	7	3291.1 ± 76.3	99.5	8	3212.6 ± 106.6	97.1	8
GD21	A	3330.9 ± 53.8	8		3231.6 ± 43.7	97.0	7	3314.2 ± 76.4	99.5	8	3254.4 ± 102.5	97.7	8
GD22	A	3355.1 ± 52.1	8		3257.7 ± 49.2	97.1	7	3347.0 ± 77.2	99.8	8	3274.6 ± 99.6	97.6	8
GD23	A	3380.4 ± 52.1	8		3289.8 ± 57.2	97.3	7	3376.4 ± 79.4	99.9	8	3294.9 ± 99.0	97.5	8
GD24	A	3413.1 ± 52.9 *	8		3303.1 ± 59.3	96.8	7	3402.2 ± 82.9	99.7	8	3298.4 ± 96.8	96.6	8
GD25	A	3441.5 ± 49.2 *	8		3313.7 ± 53.5	96.3	7	3406.2 ± 77.7	99.0	8	3293.5 ± 97.7	95.7	8
GD26	A	3476.1 ± 51.8 *	8		3336.9 ± 55.8	96.0	7	3411.0 ± 80.4	98.1	8	3305.3 ± 112.8	95.1	7
GD27	A	3489.1 ± 53.2 *	8		3351.5 ± 58.6	96.1	7	3420.6 ± 91.5	98.0	8	3319.7 ± 110.6	95.1	7
GD28	A	3501.1 ± 58.7 *	8		3380.2 ± 60.9	96.5	7	3421.1 ± 92.6	97.7	8	3338.6 ± 106.1	95.4	7
GD29	A	3499.4 ± 64.6 *	8		3406.5 ± 58.0	97.3	7	3467.7 ± 95.0	99.1	8	3358.4 ± 105.6	96.0	7

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F0 Females

Phase Day	Litter ID	Treatment Groups (mg/kg/day)		
		300		
		Wt (g)	% of CNTL	N
GD3	A	2922.1 ± 45.9	98.8	8
GD4	A	2932.9 ± 46.5	98.0	8
GD5	A	2951.5 ± 47.5	98.3	8
GD6	A	2960.0 ± 43.6	98.0	8
GD7	A	2967.3 ± 42.8	97.6	8
GD8	A	2995.0 ± 34.0	97.7	8
GD9	A	3014.6 ± 31.2	97.5	8
GD10	A	2993.9 ± 28.2	96.0	8
GD11	A	3015.0 ± 37.0	96.5	8
GD12	A	3041.4 ± 31.9	96.6	8
GD13	A	3052.8 ± 33.3	96.0	8
GD14	A	3073.6 ± 31.9	95.5	8
GD15	A	3087.3 ± 34.0	94.9	8
GD16	A	3085.4 ± 44.3	94.3	8
GD17	A	3088.1 ± 46.6	94.4	8
GD18	A	3098.4 ± 40.1	94.6	8
GD19	A	3111.6 ± 32.5	94.4	8
GD20	A	3119.9 ± 27.8	94.3	8
GD21	A	3145.8 ± 27.0	94.4	8
GD22	A	3194.6 ± 23.8	95.2	8
GD23	A	3215.2 ± 25.9	95.1	8
GD24	A	3217.2 ± 27.6	94.3	8
GD25	A	3235.6 ± 26.6	94.0	8
GD26	A	3237.2 ± 22.1	93.1	8
GD27	A	3224.5 ± 25.9 *	92.4	8
GD28	A	3235.5 ± 25.9 *	92.4	8
GD29	A	3271.4 ± 34.2	93.5	8

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LEGEND

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 ****