

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

**R10: Fetal Defects**  
**Test Compound:** Vinpocetine  
**CAS Number:** 42971-09-5

**Date Report Requested:** 02/22/2017  
**Time Report Requested:** 14:01:50  
**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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Classification	Treatment Groups (mg/kg/day)					
	0	25	75	150	300	
Total number of fetuses examined	73	54	72	53	52	
	<b>External</b>					
No. Fetuses examined	73	54	72	53	52	
No. Litters examined	8	7	8	7	8	
<b>Body - General</b>						
Body, Localized subcutaneous edema	Malformation	0 (0.0)	0 (0.0)	1 (1.39)	0 (0.0)	0 (0.0)
		0 (0.00)	0 (0.00)	1 (12.50)	0 (0.00)	0 (0.00)
Body, Subcutaneous hemorrhage	Gross Finding	1 (1.37)	1 (1.85)	0 (0.0)	1 (1.89)	0 (0.0)
		1 (12.50)	1 (14.29)	0 (0.00)	1 (14.29)	0 (0.00)

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## LEGEND

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Upper row denotes number of affected fetuses (%) and lower row the number of affected litters (%)

No p-values are reported for the 'Normal' observation entries

No p-values are reported unless there are at least two observations in one or more of the dose groups

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests

Statistical analysis with litter based adjustments performed by Generalized Linear Mixed Models where the dam identification was the random effect

\* Statistically significant at  $P \leq 0.05$

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

# Statistically significant at  $P \leq 0.05$  (litter based analysis)

## Statistically significant at  $P \leq 0.01$  (litter based analysis)

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

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