

Experiment Number: R12103B
Test Type: Teratology
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

R13:Fetal Defect Cross Reference Summary

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

Date Report Requested: 03/08/2016
Time Report Requested: 07:09:27
Lab: Southern Research

C Number: R12103B
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female

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	Treatment Groups (mg/kg/day)			
	0	5	20	60
Total number of fetuses examined	293	239	261	51
Total number of dams examined	21	19	21	8

Defect	Classification	Animal ID			
		Placental			
No. Fetuses Examined		293	239	261	51
No. Dams Examined		21	19	21	8

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		0	5	20	60
Visceral					
No. Fetuses Examined		293	239	261	51
No. Dams Examined		21	19	21	8
Abdominal Viscera					
Diaphragm, Hernia	Malformation		31(3)		
Diaphragm, Thin	Malformation		37(1)		
Liver lobe, left lateral, Additional fissure	Variation		46(4)	72(9,10)	
Liver lobe, left medial, Additional fissure	Variation			74(16)	
Liver lobe, left medial, Misshapen	Variation		44(5)		
Liver lobe, right medial, Additional fissure	Variation	20(10)			
Liver lobe, right medial, Supernumerary	Variation		45(6)		
Liver lobe, see comment, Supernumerary	Variation	7(6), 20(11)		69(1)	
General					
General, Fluid-filled abdomen	Gross Finding		31(3)	69(11)	
Heart					

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		0	5	20	60
Aortic valve, Misshapen	Malformation	1(12), 3(2,6), 5(6), 9(13), 12(6), 15(5,11), 16(7,14), 17(14), 20(2,4,6,11,13), 22(7), 24(5), 25(4)	26(2), 37(2), 38(9), 39(8,15), 40(5), 42(1,3,8), 43(3), 44(13), 45(13), 46(14), 47(4)	51(1), 52(5), 60(3,10,12), 62(5,14), 63(9), 64(10), 68(11,12), 69(5,11,13), 72(11), 74(1,17)	
Atrium, right, Large	Malformation			72(11)	
Ventricle, bilateral, Ventricular septum defect	Malformation		31(3), 44(8), 47(8)	64(11), 65(2,14), 66(3), 68(11), 69(11), 73(7), 74(9)	96(10), 98(3)
Ventricle, left, Thick Wall	Malformation			72(11)	
Major Vessels					
Carotid artery, right, Supernumerary	Malformation				77(4)
Ductus arteriosus, Patent	Variation			72(11)	
Innominate artery, Absent	Variation	9(5), 20(9), 24(8), 25(1)	26(9), 29(1), 37(1), 47(11), 49(1,15), 50(1)	53(1), 56(9), 65(2,3,4,5), 66(10), 72(8)	77(1)
Innominate artery, Short	Variation	5(10), 7(12), 13(15)	31(1), 37(4), 43(4), 46(1)	62(6), 65(14)	96(5)
Thoracic Viscera					
Lung lobe, accessory, Absent	Malformation		31(3)		
Lung lobe, right cranial, Fused	Variation		31(3)		
Thymus, Split	Variation			61(1)	

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	0	5	20	60
Skeletal - Body				
No. Fetuses Examined	293	239	261	47
No. Dams Examined	21	19	21	7
Appendicular Skeleton				
General, Not examined			66(6)	
Ribs				
Costal cartilage, 7th right, Not fused to sternum Malformation	15(1)			
Sternebrae				
Sternebra, 4th, Misaligned Variation	12(13)			
Supernumerary Rib				
Thoracolumbar, bilateral, Full Malformation		42(13), 44(11)	65(1,2,4,5,6,7,8,12,14)	88(3,11,13), 96(3,6,8,10,11)
Thoracolumbar, bilateral, Short Variation	5(5,7,12), 11(9), 13(3), 17(11)	38(4), 39(9), 42(9), 44(2,5,8,9,14), 49(5)	53(13), 56(6,7), 57(2), 60(11), 61(5,9,13), 62(11), 63(9), 64(2,4,6), 65(9,11), 69(6), 72(9)	96(7)
Thoracolumbar, left, Full Malformation		44(15)	54(11), 61(7)	88(2,5,10)

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		0	5	20	60
Thoracolumbar, left, Short	Variation	1(4,7), 2(1,2,10), 3(4), 7(16), 8(9), 11(6,13), 12(12), 13(2,12), 16(1,9), 17(6), 20(1,3,4), 22(8), 23(19)	27(1), 28(4,8,9,11), 37(11), 42(2,12), 44(7), 49(8)	53(7,9,10), 54(10), 55(5), 56(8,10), 60(5,6), 61(1,4,6,10), 64(13), 65(13), 66(7), 68(5), 69(15), 71(1), 72(4,7,14)	88(6), 90(7), 95(4), 96(4,5), 98(1,2)
Thoracolumbar, right, Full	Malformation	24(5)	28(4), 44(7)	56(10)	98(1)
Thoracolumbar, right, Short	Variation	5(6), 13(5)	28(6,7,12), 31(1), 37(16), 39(7), 44(1,3,13,15), 48(3)	52(10), 53(3), 54(11), 55(9), 57(3,8,13), 61(2,3,7), 62(14), 65(10), 66(14), 68(7), 69(1), 72(13)	88(8), 90(4)
Vertebrae					
Cervical arch, multiple sites, Misshapen	Malformation		31(3)		
Lumbar arch, 5th left, Fused	Malformation				88(5)
Lumbar centrum, 1st, Incomplete ossification	Variation		31(3)		
Lumbar centrum, 3rd, Incomplete ossification	Variation			68(11)	
Lumbar centrum, 5th, Fused	Malformation				88(5)
Presacral vertebrae, Greater than 26	Variation				88(3,5), 96(3,11)
Sacral centrum, multiple sites, Misshapen	Malformation		31(3)		
Thoracic arch, 6th right, Misshapen	Malformation				96(1)
Thoracic arch, multiple sites, Misshapen	Malformation		31(3)		
Thoracic centrum, 10th, Incomplete ossification	Variation	21(13)			90(5)
Thoracic centrum, 11th, Incomplete ossification	Variation			54(12), 62(5), 69(8)	88(5), 90(10)

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		0	5	20	60
Thoracic centrum, 12th, Hemicentric	Variation		31(3)		
Thoracic centrum, 12th, Incomplete ossification	Variation			68(7)	88(5,7), 90(8)
Thoracic centrum, 13th, Incomplete ossification	Variation				88(5), 96(4)
Thoracic centrum, 1st, Hemicentric	Variation		31(3)		
Thoracic centrum, 1st, Incomplete ossification	Variation			53(11)	
Thoracic centrum, 5th, Incomplete ossification	Variation			68(10)	
Thoracic centrum, 6th, Incomplete ossification	Variation				96(1)
Thoracic centrum, 9th, Incomplete ossification	Variation				96(11)
Thoracic centrum, multiple sites, Incomplete ossification	Variation		31(3)		

Skeletal - Skull

No. Fetuses Examined		143	114	124	20
No. Dams Examined		21	19	21	5
Skull					
General, Isolated ossification site	Variation		43(2)	64(12)	
General, Supernumerary site	Variation	24(4)		63(4)	
Interparietal, Incomplete ossification	Variation			65(12)	

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		0	5	20	60
Head					
No. Fetuses Examined		150	125	134	29
No. Dams Examined		21	19	20	8
Brain					
Ventricles, Dilated	Variation			69(11)	
Ventricles, Hydrocephaly	Malformation		31(3)		

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		0	5	20	60
		External			
No. Fetuses Examined		293	239	261	51
No. Dams Examined		21	19	21	8
Body - General					
Body, Generalized subcutaneous edema	Malformation		31(3)	69(11)	
Extremities					
Tail, Bent	Malformation			61(7)	
Tail, Short	Malformation			55(1)	
Trunk					
General, Omphalocele	Malformation			63(1)	

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LEGEND

Findings are reported by dam ID number (fetal ID number)

**** END OF REPORT ****