

Anticonvulsant Screening Program

Test 22 Results - Formalin Test (Mice I.P.)

ASP ID: 47 A Screen ID: 1

Solvent Code: MC Solvent Prep: M&P,SB Route Code: IP

Time of Test: 0.50 (hrs)

Date Started: 03-Apr-2006 Date Completed: 12-Apr-2006

Reference: F1: 61

Analysis

Dose (mg/kg)	Test	Area Under the Curve				
		Control	Drug Treated	% of Control	S.E.M	p Value
300.0	Acute	264	158.4	60.01	9.79	< 0.05
300.0	Inflammatory	705.5	440.9	62.49	10.75	< 0.05

Response

Trial 1

Dose (mg/kg)	Animal #	Duration of Licking (sec)											
		0 min	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	50 min	55 min
0.0	01	67.3	8.49	18.02	24.27	33.57	47.26	42.78	16.75	10.55			
0.0	02	51.01	20.52	0	6.96	40.73	45.97	11.17	17.35	31.18			
0.0	03	61.55	30.83	9.48	15.17	12.93	39.97	47.59	33.9	16.58			
0.0	04	53.13	13.73	0	16.12	40.93	72.47	49.27	38.7	0			
0.0	05	78	23.97	12.01	0	23.62	19.94	25.91	0	44.89			
0.0	06	66.81	32.34	14.94	0	48.67	52.22	45.71	22.68	0			
0.0	07	76.42	1.91	0	2.35	36.35	33.32	22.73	9.53	46.98			
0.0	08	52.99	2.64	14.34	2.85	0	35.08	51.82	0	1.71			

Trial 1

Dose (mg/kg)	Animal #	Duration of Licking (sec)											
		0 min	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	50 min	55 min
300.0	01	59.45	29.6	0	3.82	39.35	57.15	2.89	3.42	30.33			
300.0	02	26.65	1.86	0	3.99	24.48	0	20.32	43.58	30.22			
300.0	03	57.77	2.36	0	0	0	48.87	20.08	24.33	13.85			

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300.0	04	40.36	2.29	0	0	0	0	18.87	37.77	0			
300.0	05	40.42	18.9	9.58	10.69	20.06	27.41	52.42	44.95	17.96			
300.0	06	54.39	9.57	0	0	0	0	0	17.78	0			
300.0	07	51.8	0	0	0	17.71	22.02	29.53	0	8.21			
300.0	08	37.42	0	0	0	0	0	0	61.83	22.07			

Comments: