

Anticonvulsant Screening Program

Test 23 Results - Sciatic Ligation Model In Rats

ASP ID: 330044 * Screen ID: 1

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

Date Started: 14-Jul-2009 Date Completed: 15-Jul-2009

Reference: SL3:5

Results of Analysis

Dose (mg/kg)	Time of Peak Effect (hrs)	* % Pre-Drug		
		Threshold	+/-	SEM
200.0	2.0	1,463	+/-	679 ☒

Note: Box checked if data is significantly different from pre-drug.

Response per Animal

Dose (mg/kg)	Animal #	Threshold for Foot Withdrawal (grams)									
		Pre-Drug	1hr	2hr	4hr	6hr	24hr				
200.0	1	1.17	6.73	59.96	22.8	4.34	1.61				
200.0	2	2.87	11.96	11.96	4.34	11.99	4.34				
200.0	3	11.96	11.96	99.51	11.96	22.8	11.96				
200.0	4	11.96	22.8	22.8	11.96	22.8	22.8				
200.0	5	6.73	59.96	59.96	11.96	22.8	11.96				
200.0	6	2.87	59.96	287.54	77.39	128.44	4.34				
200.0	7	1.17	9.29	29.42	6.73	11.99	5.61				
200.0	8	1.61	22.8	4.34	1.17	4.34	9.29				

Comment for Response:

Comments:

* Original and U batch. Values for Rat #6 at 2, 4, and 6 hours were significant outliers as determined by Grubb's ESD test.