

Anticonvulsant Screening Program

Test 13 Results - Hippocampal Kindled Rats

ASP ID: 2 XX Screen ID: 1

Solvent Code: MC Solvent Prep: TT Route Code: IP

Test Date: 15-Aug-2000

Reference: 344:84-118

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
KIN	0	28.57	7.5 - 30.0	3.42	1.89	

Time Course

Dose (mg/kg)	Time (min)	Seizure Score +/- SEM	Duration (sec) +/- SEM
7.5	0	5.0 +/- 0.0 ☐	67.0 +/- 1.0 ☐
7.5	15	4.8 +/- 0.2 ☐	98.0 +/- 20.0 ☐
7.5	45	4.8 +/- 0.2 ☐	72.0 +/- 4.0 ☐
7.5	75	4.8 +/- 0.2 ☐	72.0 +/- 7.0 ☐
7.5	105	4.8 +/- 0.2 ☐	77.0 +/- 5.0 ☐
7.5	135	4.7 +/- 0.2 ☐	79.0 +/- 7.0 ☐
15	0	4.9 +/- 0.1 ☐	72.0 +/- 5.0 ☐
15	15	3.8 +/- 0.8 ☐	62.0 +/- 14.0 ☐
15	45	3.8 +/- 0.6 ☐	67.0 +/- 14.0 ☐
15	75	4.0 +/- 0.6 ☐	67.0 +/- 13.0 ☐
15	105	3.6 +/- 0.5 ☒	63.0 +/- 11.0 ☐
15	135	4.5 +/- 0.2 ☐	78.0 +/- 6.0 ☐
30	0	4.75 +/- 0.75 ☐	69.0 +/- 3.0 ☐
30	15	2.75 +/- 0.75 ☒	49.0 +/- 8.0 ☒
30	45	2.0 +/- 0.71 ☒	62.0 +/- 16.0 ☐
30	75	4.0 +/- 0.41 ☐	64.0 +/- 12.0 ☐
30	105	3.5 +/- 0.5 ☐	62.0 +/- 4.0 ☐
30	135	2.5 +/- 0.77 ☒	57.0 +/- 11.0 ☐
30	165	3.5 +/- 0.29 ☒	57.0 +/- 9.0 ☐
30	195	3.0 +/- 0.82 ☐	58.0 +/- 7.0 ☐

Note: Box checked if data is significantly different from control.

Dose Responses

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Dose (mg)	Time (min)	Comment Code	N Toxic / F Tested	N Protected / F Tested
7.5	105		0 / 6	0 / 6
15	105		8 / 8	2 / 8
30	45		0 / 4	2 / 4

Note: Presence of an asterisk (*) indicates that there are multiple comment codes.

Comments: