

Test 25 Results - LTG-Resistant Amygdala Kindled Rat

ETSP ID: 504004

Screen ID: 1

Batch ID: U

Solvent Code : MC

Solvent Prep : M&P,SB

Route Code : IP

Date Started : 19-Jan-2017

Date Completed : 09-Mar-2017

Reference : 420:238, 243, 260-261, 284

Strain / Supplier :

ED50

Test	Time (hrs)	ED50	95% Confidence Interval	Slope	Std Err
LTG-K	0.25	0.94	0.41 - 1.59	1.96	0.55

ED50 Biological Response

Test	Dose (mg/kg)	Time (hrs)	N / F	C
LTG-K	0.25	0.25	1 / 8	
LTG-K	0.5	0.25	2 / 7	
LTG-K	2	0.25	8 / 8	
LTG-K	2.36	0.25	5 / 8	
LTG-K	4	0.25	6 / 7	
N: number of animals protected or toxic.		F : total number of animals tested.		C : Comment code.

Test Result

Dose (mg/kg)	Time (hrs)	Seizure Score +/- SEM	Duration (sec) +/- S.D	Protected	Tested
Control	0	5 +/- 0	49.13 +/- 9.02	0	8
0.25	0.25	4.63 +/- 0.38	48.5 +/- 6.12	1	8
Control	0	5 +/- 0	44.57 +/- 5.35	0	7
0.5	0.25	3.86 +/- 0.74	52.86 +/- 8.92	2	7
Control	0	5 +/- 0	85.88 +/- 15.31	0	8
2	0.25	1.38 +/- 0.18 *	44.38 +/- 8.33 *	8	8
Control	0	4.86 +/- 0.14	58 +/- 14.78	0	7
4	0.25	2.29 +/- 0.47 *	30.71 +/- 5.88 *	6	7
Control	0	5 +/- 0	86.88 +/- 18.18	0	8
2.36	0.25	3.13 +/- 0.55 *	74.63 +/- 14.61	5	8
* indicates data is significantly different from control.					

