

Test 25 Results - LTG-Resistant Amygdala Kindled Rat

ETSP ID: 506008

Screen ID: 1

Batch ID: U

Solvent Code : MC

Solvent Prep : M&P,SB

Route Code : IP

Date Started : 24-May-2017

Date Completed : 22-Aug-2017

Reference : 525:1, 30, 32-34

Strain / Supplier :

ED50

Test	Time (hrs)	ED50	95% Confidence Interval	Slope	Std Err
LTG-K	2	76.15	36.28 - 139.07	2.1	0.62

ED50 Biological Response

Test	Dose (mg/kg)	Time (hrs)	N / F	C
LTG-K	10	2	0 / 7	
LTG-K	35	2	3 / 7	
LTG-K	75	2	3 / 7	
LTG-K	150	2	4 / 7	
LTG-K	300	2	7 / 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	90.29 +/- 21.06	0	7
10	2	5 +/- 0	92 +/- 13.69	0	7
Control	0	5 +/- 0	84 +/- 14.79	0	7
35	2	3.57 +/- 0.37 *	63.57 +/- 5.82	3	7
Control	0	5 +/- 0	111.57 +/- 16.88	0	7
75	2	3.71 +/- 0.42 *	73.43 +/- 9.46 *	3	7
Control	0	5 +/- 0	73 +/- 9.77	0	7
150	2	3.29 +/- 0.47 *	54.29 +/- 8.04	4	7
Control	0	5 +/- 0	54.29 +/- 8.35	0	7
300	2	2.29 +/- 0.18 *	16.71 +/- 6.78 *	7	7
* indicates data is significantly different from control.					

