

Anticonvulsant Screening Program

Test 26 Results - Corneal Kindled Mouse

ASP ID: 129018 G Screen ID: 1

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

Test Date: 29-Apr-2011

Reference: 464: 121-156

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
CKM	2	109.31	92.29 - 174.52	10.1	4.0	

Response

Dose (mg/kg)	Time (hrs)	N / F	C	Individual Seizure Scores	Average Seizure Score	Toxicity N / F
78	2.0	1 / 8	*	4, 5, 4, 4 4, 4, 0, 4	3.6	0 / 8
100	2.0	2 / 8	Z	4, 1, 4, 4, 4, 4, 3, 4	3.5	0 / 8
156	2.0	4 / 4	*	0, 0, 0, 1	0.3	4 / 4

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

Response Comments

Test	Dose (mg/kg)	Time (Hrs)	Code	Comment
CKM	78	2	33	Tremors
CKM	78	2	Z	1/8 found dead 4 days after test.
CKM	100	2	Z	2/8 found dead 3 days after test.
CKM	156	2	14	Unable to grasp rotorod

Time Course

Dose (mg/kg)	Time (hrs)	N / F	C	Individual Seizure Scores	Average Seizure Score
156	2.0	4 / 4	*	0, 0, 0, 1	0.3

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Comments for Time Course

Test	Dose (mg/kg)	Time	Code	Comments
CKM	156	2	Z	4/4 found dead 4 days after test.

Comments: Time Course data used in ED Data. Stopped testing at 3 data points because of animal death.