

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 31005 XX Screen ID: 1

Solvent Code: PEG

Solvent Prep:

Animal Weight: - g

Test Date:

Reference: 22

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.5	20.93	17.52 - 25.09	6.0	1.6	2.19
SCMET	0.5	> 60.0	-	0.0		< 0.767
TOX	0.5	46.03	41.99 - 50.99	13.1	3.6	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F	C
MES	0.50	12		0 / 8	
MES	0.50	15		1 / 8	
MES	0.50	18		4 / 8	
MES	0.50	22		6 / 8	
MES	0.50	30		12 / 16	
SCMET	0.50	30		0 / 2	
SCMET	0.50	40		0 / 2	
SCMET	0.50	50		0 / 2	Y
SCMET	0.50	60		1 / 2	Z
TOX	0.50	35		0 / 8	
TOX	0.50	40		2 / 8	
TOX	0.50	45		4 / 8	
TOX	0.50	50		6 / 8	
TOX	0.50	60		7 / 8	

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

ED50 Biological Response Comments

Test	Dose (mg/kg)	Time (Hrs)	Code	Comment
SCMET	50	0.5	Y	1/2 had continuous running seizures with intermittent clonic episodes

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SCMET	60	0.5	Z	both had severe jerks and squeaking, only 1/2 had a seizure
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Comments: