

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 2001 XX Screen ID: 1

Solvent Code: PEG Solvent Prep:

Animal Weight: - g

Test Date: 02-Sep-1975

Reference: 3:183-191, 5:90-92; 17:200-206

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.5	81.3	72.8 - 94.2	16.6	6.7	0.163
SCMET	0.5	0.36	0.28 - 0.45	6.0	1.7	36.9
TOX	0.5	13.57	10.0 - 17.11	6.22	2.39	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	0.50	70		1 / 8
MES	0.50	80		4 / 8
MES	0.50	90		6 / 8
SCMET	0.50	0.14		0 / 8
SCMET	0.50	0.2		1 / 8
SCMET	0.50	0.35		3 / 8
SCMET	0.50	0.45		5 / 8
SCMET	0.50	0.6		8 / 8
TOX	0.50	10		2 / 8
TOX	0.50	13		3 / 8
TOX	0.50	15		5 / 8
TOX	0.50	20		7 / 8

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

Time to Peak Effect

Time (Hours)				0.25	0.5	1.0	2.0	4.0	6.0	8.0	24	3.0
Test	Dose		Dths	N / F C	N / F C	N / F C	N / F C	N / F C	N / F C	N / F C	N / F C	N / F C
MES	100			/	4 / 4	3 / 4	3 / 4	2 / 4	/	/	/	/
SCMET	30			/	1 / 1	/	/	1 / 1	/	/	/	/

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ASP ID: 2001		XX		Screen ID: 1								
SCMET	100			/	1 / 1	/	/	1 / 1	/	/	/	/
SCMET	300			/	1 / 1	/	/	1 / 1	/	/	/	/
TOX	10			/	2 / 8	0 / 8	/	/	/	/	/	/
TOX	13			/	3 / 8	1 / 8	0 / 8	/	/	/	/	/
TOX	15			/	5 / 8	4 / 8	1 / 8	0 / 8	/	/	/	/
TOX	30			/	1 / 4	/	/	0 / 2	/	/	/	/
TOX	100			/	2 / 4	/	/	1 / 2	/	/	/	/
TOX	300			/	4 / 4	/	/	1 / 2	/	/	/	/

Note: N/F = number of animals active or toxic over the number tested.

C= Comment code. Presence of an asterisk (*) indicates that there are multiple comment codes.

Comments: