

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 50030 XX Screen ID: 1

Solvent Code: PEG Solvent Prep:

Animal Weight: - g

Test Date: 07-Mar-1979

Reference: 45

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	1	23.71	10.83 - 33.9	2.25	0.81	0.986
SCMET	1	0.02	0.01 - 0.03	3.1	0.94	1,169.0
TOX	0.5	23.39	4.6 - 54.87	1.02	0.41	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	1.0	0.6		0 / 8
MES	1.0	10		2 / 8
MES	1.0	20		5 / 8
MES	1.0	30		7 / 16
MES	1.0	35		4 / 8
MES	1.0	40		6 / 8
MES	1.0	60		8 / 8
SCMET	1.0	0.01		1 / 8
SCMET	1.0	0.02		3 / 8
SCMET	1.0	0.03		12 / 16
SCMET	1.0	0.04		6 / 8
SCMET	1.0	0.06		7 / 8
TOX	0.50	5		3 / 8
TOX	0.50	10		2 / 8
TOX	0.50	20		8 / 16
TOX	0.50	40		4 / 8
TOX	0.50	50		4 / 8
TOX	0.50	60		6 / 8
TOX	0.50	100		7 / 8

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

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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
TOX	40			/			4	/	8	0	/	8	/			/			/			/			/			/		
TOX	60			/			6	/	8	3	/	8	/			/			/			/			/			/		

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: