

Anticonvulsant Screening Program

Test 5 Results - Mice P.O. Quantification

ASP ID: 21 A Screen ID: 1

Solvent Code: MC Solvent Prep: SB

Animal Weight: - g

Test Date: 21-Sep-1989

Reference: 197:161-163; 184

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.5	42.84	25.79 - 64.78	2.7	0.78	0.1
SCMET	0.5	0.03	0.023 - 0.03	3.54	0.89	66.3
TOX	0.25	1.99	1.36 - 2.9	4.15	1.17	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	0.50	12.5		1 / 8
MES	0.50	25		2 / 8
MES	0.50	50		4 / 8
MES	0.50	75		5 / 8
MES	0.50	100		8 / 8
SCMET	0.50	0.013		0 / 8
SCMET	0.50	0.025		2 / 8
SCMET	0.50	0.038		6 / 8
SCMET	0.50	0.05		14 / 16
TOX	0.25	0.7		0 / 8
TOX	0.25	1.3		3 / 8
TOX	0.25	2.5		4 / 8
TOX	0.25	5		8 / 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	50			1 / 4	3 / 4	1 / 4	1 / 4	1 / 4	0 / 4	/	/	/

Anticonvulsant Screening Program
Test 5 Results - Mice P.O. Quantification

ASP ID: 21		A		Screen ID: 1								
SCMET	0.05			6 / 8	8 / 8	7 / 8	/	/	/	/	/	/
TOX	5			8 / 8	3 / 8	1 / 8	0 / 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: