

Anticonvulsant Screening Program

Test 10 Results - Anticonvulsant Quantification (Rats I.P.)

ASP ID: 21 NA Screen ID: 1

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

Animal Weight: - g

Test Date: 28-Jan-1992

Reference: 225:283-292;230:3-28

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.25	0.67	0.38 - 1.28	2.09	0.6	
SCMET	0.25	0.11	0.07 - 0.15	3.2	0.85	
TOX	0.5	0.48	0.31 - 1.93	3.49	1.4	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	0.25	0.13		1 / 8
MES	0.25	0.25		2 / 8
MES	0.25	0.5		2 / 8
MES	0.25	1		4 / 8
MES	0.25	2		8 / 8
SCMET	0.25	0.04		1 / 8
SCMET	0.25	0.07		2 / 8
SCMET	0.25	0.13		5 / 8
SCMET	0.25	0.25		7 / 8
SCMET	0.25	0.5		8 / 8
TOX	0.50	0.13		0 / 8
TOX	0.50	0.25		2 / 8
TOX	0.50	0.5		4 / 8
TOX	0.50	3.5		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

Anticonvulsant Screening Program
Test 10 Results - Anticonvulsant Quantification (Rats I.P.)

ASP ID: 21		NA		Screen ID: 1								
MES	1			4 / 4	3 / 4	/	/	/	/	/	/	/
MES	2			4 / 4	4 / 4	2 / 4	1 / 4	/	/	/	/	/
SCMET	0.5			4 / 4	3 / 4	1 / 4	0 / 4	0 / 4	/	/	/	/
TOX	0.5			3 / 8	4 / 8	/	/	/	/	/	/	/
TOX	3.5			8 / 8	8 / 8	7 / 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: