

Anticonvulsant Screening Program

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

ASP ID: 2 XX Screen ID: 1

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

Animal Weight: - g

Test Date: 02-Apr-2001

Reference: 345:198-241

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	2	2.61	1.7 - 4.04	3.54	1.02	
SCMET	0.5	12.22	8.25 - 15.87	4.8	1.41	
TOX	0.5	41.17	36.96 - 46.61	18.65	6.71	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	2.0	0.75		0 / 8
MES	2.0	1.5		2 / 8
MES	2.0	3		5 / 8
MES	2.0	6		7 / 8
SCMET	0.50	6		1 / 8
SCMET	0.50	12		3 / 8
SCMET	0.50	18		6 / 8
SCMET	0.50	24		8 / 8
TOX	0.50	30		0 / 8
TOX	0.50	37.5		2 / 8
TOX	0.50	45		6 / 8
TOX	0.50	60		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	2			/	/	1 / 4	2 / 4	0 / 4	/	/	/	/
MES	4			3 / 4	2 / 4	3 / 4	4 / 4	1 / 4	/	/	/	/

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SCMET	12			1 / 4	2 / 4	1 / 4	0 / 4	0 / 4	/	/	/	/
TOX	37.5			1 / 8	2 / 8	0 / 8	/	/	/	/	/	/
TOX	45			5 / 8	6 / 8	4 / 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: