

Anticonvulsant Screening Program

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

ASP ID: 12 * Screen ID: 1

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

Animal Weight: - g

Test Date: 20-Sep-2005

Reference: 381:236-273

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.25	> 220.0	-			
SCMET	0.25	56.7	38.52 - 74.14	4.8	1.69	
TOX	0.5	215.02	167.78 - 263.31	6.76	1.97	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	0.25	220		0 / 8
SCMET	0.25	40		2 / 8
SCMET	0.25	50		3 / 8
SCMET	0.25	75		6 / 8
SCMET	0.25	100		7 / 8
TOX	0.50	150		1 / 8
TOX	0.50	200		4 / 8
TOX	0.50	300		6 / 8
TOX	0.50	400		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
SCMET	50			3 / 4	2 / 4	2 / 4	1 / 4	/	/	/	/	/
SCMET	130			4 / 4	4 / 4	4 / 4	4 / 4	3 / 4	/	/	/	/
TOX	300			4 / 8	6 / 8	5 / 8	4 / 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.

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Comments:

* sample obtained from Sigma