

Anticonvulsant Screening Program

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

ASP ID: 340004 U Screen ID: 1

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

Animal Weight: - g

Test Date: 05-Dec-2003

Reference: 377:40-142

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.5	10.77	7.6 - 13.23	6.91	2.15	
SCMET	0.5	> 20.0	-			
TOX	0.5	9.55	3.17 - 14.48	1.81	0.61	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	0.50	5		0 / 8
MES	0.50	10		4 / 8
MES	0.50	15		6 / 8
MES	0.50	20		8 / 8
SCMET	0.50	10		0 / 8
SCMET	0.50	20		0 / 8
TOX	0.50	3.8		1 / 8
TOX	0.50	7.5		4 / 8
TOX	0.50	15		11 / 16
TOX	0.50	20		8 / 8
TOX	0.50	30		11 / 16

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	20			0 / 4	4 / 4	3 / 4	3 / 4	2 / 4	/	/	/	/
TOX	15			5 / 8	7 / 8	/	/	/	/	/	/	/

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TOX	30			7 / 8	7 / 8	6 / 8	4 / 8	3 / 8	/	/	/	/
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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: