

Anticonvulsant Screening Program

Test 3 Results - Rat P.O. Quantification

ASP ID: 1 XX Screen ID: 1

Solvent Code: MC Solvent Prep: TT

Animal Weight: - g

Test Date: 07-Jun-1995

Reference: 275:33-147

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	2	28.109	20.731 - 35.197	4.947	1.382	> 35.576
SCMET	N/A	> 500.0	-	0.0	0.0	
TOX	N/A	> 1,000.0	-	0.0	0.0	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	2.0	15		1 / 8
MES	2.0	26		2 / 8
MES	2.0	30		6 / 8
MES	2.0	45		6 / 8
MES	2.0	60		8 / 8
TOX	0.25	1000		2 / 8 *

Note: Presence of an asterisk (*) indicates that there are multiple comment codes.

ED50 Biological Response Comments

Test	Dose (mg/kg)	Time (Hrs)	Code	Comment
TOX	1000	0.25	a	Toxicity based on abnormal behavior; slow
TOX	1000	0.25	b	hesitant locomotion & apparent confusion

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	30			1 / 8	5 / 8	3 / 8	6 / 8	5 / 8	/	/	/	/
SCMET	500			0 / 4	0 / 4	0 / 4	0 / 4	1 / 4	/	/	/	/

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TOX	1000			0 / 8	0 / 8	0 / 8	0 / 8	0 / 8	2 / 8	2 / 8	1 / 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: