

Anticonvulsant Screening Program

Test 3 Results - Rat P.O. Quantification

Add ID: 2 XX Screen ID: 1

Solvent Code: SAL Solvent Prep:

Animal Weight: - g

Test Date: 02-Oct-1987

Reference: 172:111-145

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	1	8.3	6.2 - 10.9	5.7	1.9	
SCMET	1	26.1	15.9 - 41.4	2.6	0.7	
TOX	1	51	38.4 - 63.4	6.3	1.9	

ED50 Biological Response

Test	Dose (mg/kg)	Dths	N / F C
MES	5		1 / 8
MES	8		4 / 8
MES	10		5 / 8
MES	20		8 / 8
SCMET	7		0 / 8
SCMET	13		3 / 8
SCMET	25		4 / 8
SCMET	50		5 / 8
SCMET	100		8 / 8
TOX	30		1 / 8
TOX	50		3 / 8
TOX	65		6 / 8
TOX	100		8 / 8

ED50 Biological Response Comments

Test	Dose (mg/kg)	Time (Hrs)	Code	Comment
SCMET	125	1	3	Death following continuous seizure
SCMET	250	1	3	Death following continuous seizure

Time to Peak Effect

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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	8			0 / 4		0 / 4		2 / 4		1 / 4		1 / 4		1 / 4		/		/		/	
TOX	30			/		/		1 / 8		0 / 8		0 / 8		/		/		/		/	
TOX	50			0 / 8		0 / 8		3 / 8		3 / 8		3 / 8		0 / 8		0 / 8		0 / 8		/	

Note: N/F = number of animals active or toxic over the number tested.

C= Comment code