

Anticonvulsant Screening Program

Test 3 Results - Rat P.O. Quantification

ASP ID: 21 A Screen ID: 1

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

Animal Weight: - g

Test Date: 05-Jul-1995

Reference: 275:96-181

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	2	7.861	5.748 - 11.589	4.334	1.376	0.303
SCMET	0.25	0.607	0.461 - 0.724	9.146	3.022	3.921
TOX	1	2.378	1.484 - 3.527	3.543	1.025	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	2.0	4		0 / 8
MES	2.0	6		4 / 8
MES	2.0	8		4 / 8
MES	2.0	16		7 / 8
SCMET	0.25	0.25		0 / 8
SCMET	0.25	0.5		2 / 8
SCMET	0.25	0.75		6 / 8
SCMET	0.25	1		8 / 8
TOX	1.0	1		1 / 8
TOX	1.0	2		3 / 8
TOX	1.0	4		6 / 8
TOX	1.0	8		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			2 / 4	2 / 4	2 / 4	4 / 4	/	/	/	/	/
MES	6			4 / 4	4 / 4	3 / 4	3 / 4	0 / 4	/	/	/	/

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ASP ID: 21		A		Screen ID: 1								
SCMET	0.5			3 / 4	2 / 4	2 / 4	0 / 4	/	/	/	/	/
SCMET	2			4 / 4	4 / 4	4 / 4	4 / 4	1 / 4	/	/	/	/
TOX	4			0 / 8	3 / 8	6 / 8	4 / 8	2 / 8	/	/	/	/
TOX	8			4 / 8	7 / 8	8 / 8	8 / 8	6 / 8	2 / 8	0 / 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: