

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 21 A Screen ID: 1

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

Animal Weight: - g

Test Date: 31-Aug-1998

Reference: 317:56-100;321:6-31

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.5	25.55	9.115 - 65.871	1.427	0.538	0.01
SCMET	0.25	0.05	0.03 - 0.08	2.17	0.59	11.033
TOX	0.25	0.264	0.159 - 0.425	3.315	0.992	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	0.50	6		1 / 8
MES	0.50	13		3 / 8
MES	0.50	25		5 / 8
MES	0.50	40		5 / 8
MES	0.50	100		6 / 8
SCMET	0.25	0.01		1 / 8
SCMET	0.25	0.02		2 / 8
SCMET	0.25	0.05		3 / 8
SCMET	0.25	0.1		6 / 8
SCMET	0.25	0.2		8 / 8
TOX	0.25	0.05		0 / 8
TOX	0.25	0.1		1 / 8
TOX	0.25	0.3		4 / 8
TOX	0.25	0.5		7 / 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

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 21		A		Screen ID: 1									
MES	25			3 / 8	5 / 8	2 / 8	/	/	/	/	/	/	/
SCMET	0.02		1	2 / 8	1 / 7	1	0 / 8	/	/	/	/	/	/
TOX	0.5			7 / 8	4 / 8	2 / 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.

Response Comments

Test	Dose (mg/kg)	Time	Code	Comments
SCMET	0.02	0.5	1	Death

Comments:

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 21 XX Screen ID: 2

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

Animal Weight: - g

Test Date: 25-Aug-2006

Reference: 398:99-108

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.5	20.13	7.17 - 40.89	1.71	0.55	
SCMET	0.25	0.029	0.021 - 0.036	5.7	1.6	
TOX	0.25	0.18	0.12 - 0.27	3.67	1.04	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	0.50	6		1 / 8
MES	0.50	13		4 / 8
MES	0.50	50		6 / 8
MES	0.50	100		7 / 8
SCMET	0.25	0.01		0 / 8
SCMET	0.25	0.02		2 / 8
SCMET	0.25	0.03		4 / 8
SCMET	0.25	0.04		6 / 8
SCMET	0.25	0.06		8 / 8
TOX	0.25	0.06		0 / 8
TOX	0.25	0.1		2 / 8
TOX	0.25	0.2		5 / 8
TOX	0.25	0.4		7 / 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	50			1 / 8	3 / 8	0 / 4	0 / 4	0 / 4	/	/	/	/

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 21		XX		Screen ID: 2								
SCMET	0.03			2 / 4	2 / 4	2 / 4	1 / 4	0 / 4	/	/	/	/
SCMET	0.06			4 / 4	3 / 4	3 / 4	/	/	/	/	/	/
TOX	0.2			2 / 4	2 / 4	1 / 4	/	/	/	/	/	/
TOX	0.4			3 / 4	3 / 4	3 / 4	/	/	/	/	/	/
TOX	0.5			3 / 4	2 / 4	2 / 4	1 / 4	/	/	/	/	/

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: