

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 12 XX Screen ID: 1

Solvent Code: MC Solvent Prep: TT

Animal Weight: - g

Test Date: 03-Jan-1996

Reference: 280:266-270;283:183;301:261-277

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.25	> 500.0	-	0.0	0.0	< 0.681
SCMET	0.25	136.118	101.004 - 184.023	5.121	1.801	2.502
TOX	0.25	340.518	290.48 - 383.641	14.317	5.565	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	0.25	500		1 / 8
SCMET	0.25	75		1 / 8
SCMET	0.25	120		3 / 8
SCMET	0.25	150		4 / 8
SCMET	0.25	200		7 / 8
TOX	0.25	200		0 / 8
TOX	0.25	300		2 / 8
TOX	0.25	350		4 / 8
TOX	0.25	400		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
SCMET	150			4 / 8	0 / 8	/	/	/	/	/	/	/
TOX	300			2 / 8	1 / 8	1 / 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.

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ASP ID: 12 XX Screen ID: 1

Comments:

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 12 * Screen ID: 2

Solvent Code: MC Solvent Prep: TT,SB

Animal Weight: - g

Test Date: 27-Jul-2005

Reference: 395:23-29;404:172-175

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.25	> 800.0	-			
SCMET	0.25	141.67	118.28 - 162.98	9.4	2.93	
TOX	0.25	418.35	374.14 - 501.79	9.58	2.63	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F	C
SCMET	0.25	110		0 / 8	
SCMET	0.25	150		12 / 16	
SCMET	0.25	225		7 / 8	
SCMET	0.25	300		16 / 16	
TOX	0.25	300		1 / 16	
TOX	0.25	350		1 / 8	
TOX	0.25	400		6 / 8	14
TOX	0.25	500		5 / 8	14
TOX	0.25	800		8 / 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	400	0.25	14	Unable to grasp rotorod
TOX	500	0.25	14	Unable to grasp rotorod
TOX	800	0.25	14	Unable to grasp rotorod
TOX	800	0.25	34	Muscle spasms

Time to Peak Effect

5/13/2014 7:44:12 AM

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 12 * Screen ID: 2

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
MES	600			0	/	4	0	/	4	1	/	4	0	/	4	/	/	/	/	/	/
MES	800			0	/	8	0	/	8	0	/	8	/	/	/	/	/	/	/	/	/
SCMET	300			8	/	8	8	/	8	6	/	8	2	/	8	/	/	/	/	/	/
TOX	400			6	/	8	14	5	/	8	14	0	/	8	0	/	8	/	/	/	/
TOX	500			5	/	8	14	2	/	5	14	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.

Response Comments

Test	Dose (mg/kg)	Time	Code	Comments
TOX	400	0.25	14	Unable to grasp rotorod
TOX	400	0.5	14	Unable to grasp rotorod
TOX	500	0.25	14	Unable to grasp rotorod
TOX	500	0.5	14	Unable to grasp rotorod

Comments:

* batch dated 9-16-94

Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 12 A Screen ID: 3

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

Animal Weight: - g

Test Date: 27-Apr-2010

Reference: 455:39-40, 42-43, 45

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
SCMET	0.25	157.02	133.93 - 184.49	11.24	3.64	
TOX	0.25	384.81	370.91 - 404.48	47.42	16.77	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
SCMET	0.25	100		0 / 8
SCMET	0.25	140		3 / 8
SCMET	0.25	175		5 / 8
SCMET	0.25	250		8 / 8
TOX	0.25	200		0 / 8
TOX	0.25	300		0 / 8
TOX	0.25	350		0 / 8
TOX	0.25	375		3 / 8
TOX	0.25	400		6 / 8
TOX	0.25	500		8 / 8 Z
TOX	0.25	600		8 / 8 Z

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	500	0.25	Z	itching with hind leg
TOX	600	0.25	Z	itching with hind leg

Time to Peak Effect

Time (Hours)	0.25	0.5	1.0	2.0	4.0	6.0	8.0	24	3.0
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Anticonvulsant Screening Program

Test 4 Results - Mice I.P. Quantification

ASP ID: 12

A

Screen ID: 3

Test	Dose		Dths	N / F	C	N / F	C	N / F	C	N / F	C	N / F	C	N / F	C
SCMET	140			2 / 4	25	1 / 4	25	0 / 4		0 / 4		0 / 4	/	/	/
TOX	400			6 / 8		4 / 8		2 / 8		1 / 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.

Response Comments

Test	Dose (mg/kg)	Time	Code	Comments
SCMET	140	0.25	25	Myoclonic jerks
SCMET	140	0.5	25	Myoclonic jerks

Comments: