

Anticonvulsant Screening Program

Test 10 Results - Anticonvulsant Quantification (Rats I.P.)

ASP ID: 330047 U Screen ID: 1

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

Animal Weight: - g

Test Date: 12-Mar-2003

Reference: 367:199-202

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.25	< 180.0	-			
TOX	N/A	> 180.0	-			

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	0.25	90		0 / 8
MES	0.25	180		6 / 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	120			3 / 4	1 / 4	0 / 4	0 / 4	0 / 4	/	/	/	/
TOX	120			0 / 4	0 / 4	0 / 4	0 / 4	0 / 4	/	/	/	/
TOX	180			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:

Anticonvulsant Screening Program

Test 10 Results - Anticonvulsant Quantification (Rats I.P.)

ASP ID: 330047 U Screen ID: 2

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

Animal Weight: - g

Test Date: 30-Jul-2008

Reference: 426: 208-216

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	0.25	184.34	119.13 - 277.15	3.51	1.03	
SCMET	0.25	> 250.0	-			
TOX	0.25	341.68	290.43 - 413.52	9.29	2.82	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F	C
MES	0.25	60		0 / 8	
MES	0.25	120		3 / 8	
MES	0.25	240		5 / 8	
MES	0.25	400		7 / 8	
SCMET	0.25	62.5		0 / 2	
SCMET	0.25	125		0 / 2	
SCMET	0.25	250		0 / 2	
TOX	0.25	240		0 / 8	
TOX	0.25	300		4 / 8	
TOX	0.25	400		5 / 8	23
TOX	0.25	600		8 / 8	23

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	23	Clonic seizures
TOX	600	0.25	23	Clonic seizures

Time to Peak Effect

Anticonvulsant Screening Program
Test 10 Results - Anticonvulsant Quantification (Rats I.P.)

ASP ID: 330047 U 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	N / F	C	N / F	C	N / F	C
MES	120			2 / 4		0 / 4		0 / 4		0 / 4		0 / 4		/		/		/		/	
TOX	300			4 / 8		2 / 8		0 / 8		0 / 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: