

Anticonvulsant Screening Program

Test 3 Results - Rat P.O. Quantification

ASP ID: 7 U Screen ID: 2

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

Animal Weight: - g

Test Date: 17-Sep-2009

Reference: 435:181-195

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
SCMET	0.25	1.55	0.73 - 3.28	1.51	0.46	
TOX	0.5	14.38	9.85 - 19.33	4.14	1.04	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F	C
SCMET	0.25	0.25		1 / 8	5
SCMET	0.25	0.5		2 / 8	5
SCMET	0.25	1		4 / 8	*
SCMET	0.25	2		4 / 7	
SCMET	0.25	3		3 / 8	
SCMET	0.25	6		8 / 8	
TOX	0.50	4		0 / 8	
TOX	0.50	8		2 / 8	
TOX	0.50	15		3 / 8	
TOX	0.50	30		15 / 16	

Note: Presence of an asterisk (*) indicates that there are multiple comment codes.

ED50 Biological Response Comments

Test	Dose (mg/kg)	Time (Hrs)	Code	Comment
SCMET	0.25	0.25	5	Death following clonic seizure
SCMET	0.5	0.25	5	Death following clonic seizure
SCMET	1	0.25	25	Myoclonic jerks
SCMET	1	0.25	5	Death following clonic seizure

Time to Peak Effect

5/13/2014 7:42:50 AM

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ASP ID: 7

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
SCMET	3			3 / 4		2 / 4		2 / 4		0 / 4		0 / 4		/		/		/		/	
TOX	15			0 / 8		3 / 8		1 / 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: