

Anticonvulsant Screening Program

Test 3 Results - Rat P.O. Quantification

ASP ID: 407011 U Screen ID: 1

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

Animal Weight: - g

Test Date: 09-Jun-2009

Reference: 435:127-133

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
MES	1	> 160.0	-			
TOX	1	> 160.0	-			

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
MES	1.0	40		0 / 8
MES	1.0	80		1 / 8 4
MES	1.0	160		0 / 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
MES	80	1	4	Death following tonic extension

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	30			0 / 4 4	1 / 4	1 / 4 4	1 / 4 4	1 / 4 4	/	/	/	/
MES	40			/	1 / 4	2 / 4 4	1 / 4	0 / 4 4	/	/	/	/
TOX	160			/	/	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

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Test	Dose (mg/kg)	Time	Code	Comments
MES	30	0.25	4	Death following tonic extension
MES	30	1	4	Death following tonic extension
MES	30	2	4	Death following tonic extension
MES	30	4	4	Death following tonic extension
MES	40	1	4	Death following tonic extension
MES	40	4	4	Death following tonic extension

Comments: