

Test 4 Results - Mice I.P.**ETSP ID: 504003****Screen ID: 1****Batch ID: U****Solvent Code : MC****Solvent Prep : M&P,SB****Route Code : IP****Date Started : 20-Oct-2016****Date Completed : 28-Nov-2016****Reference : 516: 275****Strain / Supplier :****ED50**

Test	Time (hrs)	ED50	95% Confidence Interval	Slope	Std Err
MES	0.25	19.72	13.39 - 28.28	5.13	1.65
TOX	0.25	16.83	11.45 - 23.69	5.67	1.88

ED50 Biological Response

Test	Time (hrs)	Dose (mg/kg)	Deaths	N / F	C
MES	0.25	10		1 / 8	
MES	0.25	20		3 / 8	
MES	0.25	40		8 / 8	
TOX	0.25	10		1 / 8	
TOX	0.25	20		5 / 8	12
TOX	0.25	40		8 / 8	14
N: number of animals protected or toxic.			F : total number of animals tested.		C : Comment code.

ED50 Biological Response Comments

Test	Dose (mg/kg)	Time (hrs)	Code	Description	How many
TOX	20	0.25	12	Ataxia	0
TOX	40	0.25	14	Unable to grasp rotorod	0

Test 4 Results - Mice I.P.**ETSP ID: 504003****Screen ID: 2****Batch ID: U****Solvent Code : MC****Solvent Prep : MPSB****Route Code : IP****Date Started : 12-Nov-2017****Date Completed : 21-Nov-2017****Reference : 517:190&193****Strain / Supplier : CF-1 / Envigo****ED50**

Test	Time (hrs)	ED50	95% Confidence Interval	Slope	Std Err
MES	1	19.68	10.34 - 32.36	2.63	0.85

ED50 Biological Response

Test	Time (hrs)	Dose (mg/kg)	Deaths	N / F	C
MES	1	5		0 / 8	
MES	1	15		5 / 8	
MES	1	30		4 / 8	
MES	1	45		7 / 8	
N: number of animals protected or toxic.			F : total number of animals tested.		C : Comment code.

Time to peak effect

Time (Hours)				0.25		0.5		1.0		2.0		4.0		6.0		8.0		24		72	
Test	Dose (mg/ kg)	Form	Deaths	N	F	C	N	F	C	N	F	C	N	F	C	N	F	C	N	F	C
MES	15	SUS		0	/	4		3	/	8		5	/	8		1	/	4			
TOX	15	SUS		0	/	4		0	/	8		0	/	4							
N: number of animals protected or toxic.				F : total number of animals tested.								C : Comment code.									
Form : Formulation.										SUS : Suspension.											

Test 4 Results - Mice I.P.**ETSP ID: 504003****Screen ID: 3****Batch ID: U****Solvent Code : MC****Solvent Prep : TTSB****Route Code : IP****Date Started : 14-Nov-2017****Date Completed : 20-Nov-2017****Reference : 524:79,83****Strain / Supplier : CD-1 / Charles River****ED50**

Test	Time (hrs)	ED50	95% Confidence Interval	Slope	Std Err
MES	0.5	17.81	9.24 - 26.48	5.1	2.84

ED50 Biological Response

Test	Time (hrs)	Dose (mg/kg)	Deaths	N / F	C
MES	0.5	5		0 / 8	
MES	0.5	15		3 / 8	
MES	0.5	30		7 / 8	
N: number of animals protected or toxic.			F : total number of animals tested.		C : Comment code.

Time to peak effect

Time (Hours)				0.25		0.5		1.0		2.0		4.0		6.0		8.0		24		72	
Test	Dose (mg/ kg)	Form	Deaths	N	F	C	N	F	C	N	F	C	N	F	C	N	F	C	N	F	C
MES	30	SUS		0	/	4		4	/	4		2	/	4							
TOX	30	SUS		1	/	4		3	/	4		0	/	4							
N: number of animals protected or toxic.				F : total number of animals tested.								C : Comment code.									
Form : Formulation.				SUS : Suspension.																	

Test 4 Results - Mice I.P.

ETSP ID: 504003

Screen ID: 4

Batch ID: U

Solvent Code : MC

Solvent Prep : MPSB

Route Code : IP

Date Started : 10-Nov-2017

Date Completed : 15-Nov-2017

Reference : 519:192;194;196-197

Strain / Supplier : C57 / Charles River

ED50

Test	Time (hrs)	ED50	95% Confidence Interval	Slope	Std Err
MES	0.5	55.29	41.6 - 75.62	3.85	1.04

ED50 Biological Response

Test	Time (hrs)	Dose (mg/kg)	Deaths	N / F	C
MES	0.5	15		0 / 8	
MES	0.5	30		1 / 8	
MES	0.5	40		3 / 8	
MES	0.5	50		4 / 8	
MES	0.5	80		5 / 8	
MES	0.5	100		7 / 8	
N: number of animals protected or toxic.			F : total number of animals tested.		C : Comment code.

Time to peak effect

Time (Hours)				0.25		0.5		1.0		2.0		4.0		6.0		8.0		24		72	
Test	Dose (mg/ kg)	Form	Deaths	N	F	C	N	F	C	N	F	C	N	F	C	N	F	C	N	F	C
MES	30	SUS		0	/	4	1	/	4	1	/	4	0	/	4						
MES	40	SUS		1	/	4	2	/	4	0	/	4	0	/	4						
TOX	40	SUS		3	/	4	12	/	4	0	/	4	0	/	4						
N: number of animals protected or toxic.				F : total number of animals tested.								C : Comment code.									
Form : Formulation.				SUS : Suspension.																	

Response Comments

Epilepsy Therapy Screening Program

Test	Dose (mg/kg)	Time (hrs)	Code	Description	How many
TOX	40	0.25	12	Ataxia	4
TOX	40	0.5	12	Ataxia	4