

Anticonvulsant Screening Program

Test 7 Results - Anticonvulsant Evaluation (6Hz, Mice)

ASP ID: 299056 XX Screen ID: 1

Solvent Code: MC Solvent Prep: M&P,SB Route Code: IP
 Animal Weight: - g Current(mA): 22
 Test Date: 12-Apr-2005

Reference: 390:124

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
6HZ	10			3	/	4	4	/	4	4	2	/	0	/	4	/	/	/	/	/	/
TOX	10			0	/	4	3	/	4	*	3	/	4	*	0	/	4	/	/	/	/

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	10	0.5	14	Unable to grasp rotorod
TOX	10	0.5	34	Muscle spasms
TOX	10	1	14	Unable to grasp rotorod
TOX	10	1	34	Muscle spasms

Comments:

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Test 7 Results - Anticonvulsant Evaluation (6Hz, Mice)

ASP ID: 299056 XX Screen ID: 2

Solvent Code: MC Solvent Prep: M&P,SB Route Code: IP
 Animal Weight: - g Current(mA): 32
 Test Date: 12-Apr-2005

Reference: 390:125

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
6HZ	10			4	/	4	1	/	4	2	/	4	0	/	4	/	/	/	/	/	/
TOX	10			0	/	4	2	/	4	2	/	4	0	/	4	/	/	/	/	/	/

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	10	0.5	14	Unable to grasp rotorod
TOX	10	0.5	34	Muscle spasms
TOX	10	1	14	Unable to grasp rotorod

Comments:

Anticonvulsant Screening Program

Test 7 Results - Anticonvulsant Evaluation (6Hz, Mice)

ASP ID: 299056 XX Screen ID: 3

Solvent Code: MC Solvent Prep: M&P,SB Route Code: IP
 Animal Weight: - g Current(mA): 44
 Test Date: 12-Apr-2005

Reference: 390:126

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
6HZ	10			0	/	4	1	/	4	2	/	4	0	/	4	/	/	/	/	/	/
TOX	10			0	/	4	3	/	4	*	3	/	4	*	0	/	4	/	/	/	/

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	10	0.5	14	Unable to grasp rotorod
TOX	10	0.5	34	Muscle spasms
TOX	10	1	14	Unable to grasp rotorod
TOX	10	1	34	Muscle spasms

Comments:

Anticonvulsant Screening Program

Test 7 Results - Anticonvulsant Evaluation (6Hz, Mice)

ASP ID: 299056 XX Screen ID: 4

Solvent Code: MC Solvent Prep: M&P,SB Route Code: IP
 Animal Weight: - g Current(mA): 22
 Test Date: 31-May-2005
 Reference: 390:198-216

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
6HZ	0.5	1.46	0.74 - 2.37	2.58	0.83	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F C
6HZ	0.50	0.62		2 / 8
6HZ	0.50	1.25		3 / 8
6HZ	0.50	2.5		5 / 8
6HZ	0.50	5		8 / 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
6HZ	2.5			2 / 4	4 / 4	2 / 4	/	/	/	/	/	/
6HZ	5			3 / 4	3 / 4	3 / 4	2 / 4	1 / 4	/	/	/	/

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 7 Results - Anticonvulsant Evaluation (6Hz, Mice)

ASP ID: 299056 XX Screen ID: 5

Solvent Code: MC Solvent Prep: M&P,SB Route Code: IP
 Animal Weight: - g Current(mA): 32
 Test Date: 31-May-2005
 Reference: 390:199-234

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
6HZ	0.5	11.02	6.5 - 18.12	2.44	0.65	

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F	C
6HZ	0.50	2.5		1 / 8	
6HZ	0.50	5		1 / 8	
6HZ	0.50	10		4 / 8	
6HZ	0.50	20		5 / 8	15
6HZ	0.50	40		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
6HZ	20	0.5	15	Minimal motor impairment
6HZ	40	0.5	15	Minimal motor impairment
6HZ	40	0.5	34	Muscle spasms

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
6HZ	2.5			1 / 8	0 / 8	/	/	/	/	/	/	/
6HZ	5			3 / 4	3 / 4	2 / 4	0 / 4	0 / 4	/	/	/	/

Note: N/F = number of animals active or toxic over the number tested.

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Anticonvulsant Screening Program
Test 7 Results - Anticonvulsant Evaluation (6Hz, Mice)

ASP ID: 299056 XX Screen ID: 5

Comments:

Anticonvulsant Screening Program

Test 7 Results - Anticonvulsant Evaluation (6Hz, Mice)

ASP ID: 299056 XX Screen ID: 6

Solvent Code: MC Solvent Prep: M&P,SB Route Code: IP
 Animal Weight: - g Current(mA): 44
 Test Date: 17-Nov-2005

Reference: 395:72-80

ED50 Value

Test	Time(Hrs)	ED50	95% Confidence Interval	Slope	STD Err	PI Value
6HZ	0.5	> 20.0	-			

ED50 Biological Response

Test	Time (hr)	Dose (mg/kg)	Dths	N / F	C
6HZ	0.50	3		0 / 8	
6HZ	0.50	6		1 / 16	
6HZ	0.50	12		0 / 8	*
6HZ	0.50	20		1 / 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
6HZ	12	0.5	15	Minimal motor impairment
6HZ	12	0.5	34	Muscle spasms
6HZ	20	0.5	15	Minimal motor impairment
6HZ	20	0.5	34	Muscle spasms

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
6HZ	6			/		0 / 8		0 / 8		/		/		/		/		/		/	
6HZ	6.0001			/		1 / 8		/		/		/		/		/		/		/	
6HZ	12			/		0 / 8	*	0 / 8	*	/		/		/		/		/		/	

Anticonvulsant Screening Program
Test 7 Results - Anticonvulsant Evaluation (6Hz, Mice)

ASP ID: 299056 XX Screen ID: 6

Note: N/F = number of animals active or toxic over the number tested.

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Response Comments

Test	Dose (mg/kg)	Time	Code	Comments
6HZ	12	0.5	15	Minimal motor impairment
6HZ	12	0.5	34	Muscle spasms
6HZ	12	1	15	Minimal motor impairment
6HZ	12	1	34	Muscle spasms

Comments: