

Anticonvulsant Screening Program

Test 15 Results - IV Metrazol

ASP ID: 1 XX Screen ID: 1

Solvent Code: MC Solvent Prep: TT,SB Route Code: IP

Time of Test: 1.00 (hrs) Infusion Rate: 0.34 (ml/min)

MES ED50: TD50:

Test Date: 15-Jun-1994

Reference: 250:186,187

Analysis

Dose (mg/kg)		Weight (grams)	Time to Twitch	Twitch (mg/kg)	Time to Clonus	Clonus (mg/kg)
0	Mean	26.45	31.6	33.8	36.7	39.3
	Std. Err	0.28	1.10	0.95	1.27	1.13
	P-value					
6.3	Mean	26.05	30.8	33.5	36.5	39.7
	Std. Err	0.17	0.85	1.05	1.21	1.33
	P-value	0.095	0.289	0.370	0.427	0.427
41.2	Mean	26.25	25.0	27.1	30.9	33.4
	Std. Err	0.20	1.32	1.48	1.14	1.24
	P-value	0.241	0.001	0.001	0.002	0.001

Response

Dose (mg/kg)	Animal #	Weight (grams)	Time to Twitch	Twitch (mg/kg)	Time to Clonus	Clonus (mg/kg)
0	01	28.5	37.20	36.98	42.30	42.05
0	02	25.5	29.60	32.89	38.00	42.22
0	03	27.0	28.60	30.01	39.90	41.87
0	04	27.0	36.40	38.20	39.50	41.45
0	05	25.5	29.80	33.11	31.80	35.33
0	06	26.0	31.40	34.22	34.50	37.60
0	07	26.5	33.00	35.28	35.40	37.85
0	08	26.0	26.90	29.31	29.10	31.71
0	09	26.5	34.20	36.57	38.30	40.95
0	10	26.0	28.90	31.49	38.40	41.85
6.3	01	27.0	28.20	29.59	40.30	42.29
6.3	02	25.5	33.50	37.22	35.50	39.44
6.3	03	25.5	29.20	32.44	37.40	41.56

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6.3	04	26.5	28.50	30.47	38.40	41.06
6.3	05	25.5	29.00	32.22	33.00	36.67
6.3	06	26.5	30.20	32.29	33.10	35.39
6.3	07	26.0	35.20	38.36	39.10	42.61
6.3	08	26.0	28.80	31.38	30.10	32.80
6.3	09	25.5	34.90	38.78	42.60	47.33
6.3	10	26.5	30.50	32.61	35.00	37.42

41.2	01	27.0	26.90	28.23	34.00	35.68
41.2	02	26.5	28.80	30.79	32.00	34.21
41.2	03	25.5	27.80	30.89	31.00	34.44
41.2	04	26.0	29.20	31.82	36.90	40.21
41.2	05	27.5	21.40	22.05	29.40	30.29
41.2	06	25.5	23.50	26.11	27.00	30.00
41.2	07	26.0	20.20	22.01	25.50	27.79
41.2	08	26.0	30.20	32.91	35.10	38.25
41.2	09	26.5	18.10	19.35	29.40	31.43
41.2	10	26.0	24.30	26.48	28.80	31.38

Comments: