

Anticonvulsant Screening Program

Test 15 Results - IV Metrazol

ASP ID: 266004 XX Screen ID: 1

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

Time of Test: 2.00 (hrs) Infusion Rate: 0.34 (ml/min)

MES ED50: TD50:

Test Date: 15-Apr-1997

Reference: 299:159,160

Analysis

Dose (mg/kg)		Weight (grams)	Time to Twitch	Twitch (mg/kg)	Time to Clonus	Clonus (mg/kg)
0	Mean	30.00	34.1	32.3	40.0	37.9
	Std. Err	0.44	0.77	0.95	1.49	1.70
	P-value					
29	Mean	30.78	27.7	25.6	34.5	31.9
	Std. Err	0.49	1.17	1.29	1.63	1.85
	P-value	0.178	0.000	0.001	0.011	0.011
124	Mean	30.67	19.2	17.7	22.1	20.4
	Std. Err	0.40	1.80	1.51	1.66	1.44
	P-value	0.139	0.000	0.000	0.000	0.000

Response

Dose (mg/kg)	Animal #	Weight (grams)	Time to Twitch	Twitch (mg/kg)	Time to Clonus	Clonus (mg/kg)
0	01	31.0	35.20	32.17	39.80	36.38
0	02	30.0	33.50	31.64	36.70	34.66
0	03	31.0	35.60	32.54	45.60	41.68
0	04	31.5	31.50	28.33	35.50	31.93
0	05	28.0	33.00	33.39	43.90	44.42
0	06	29.0	37.00	36.15	45.50	44.45
0	07	29.5	33.70	32.37	38.60	37.07
0	08	28.0	33.40	33.80	38.20	38.66
0	09	30.0	37.90	35.79	44.50	42.03
0	10	32.0	29.80	26.39	31.80	28.16
29	01	33.0	23.90	20.52	26.50	22.75
29	02	29.0	35.20	34.39	41.70	40.74
29	03	29.5	27.00	25.93	39.40	37.84

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29	04	32.0	30.10	26.65	35.60	31.52
29	05	30.0	28.70	27.11	37.30	35.23
29	06	30.0	25.20	23.80	29.50	27.86
29	07	31.5	28.60	25.73	30.50	27.43
29	08	29.5	24.30	23.34	34.40	33.04
29	09	32.5	26.60	23.19	35.50	30.95

124	01	32.5	30.20	26.33	31.80	27.72
124	02	31.0	11.90	10.88	16.50	15.08
124	03	29.5	15.90	15.27	25.80	24.78
124	04	30.5	15.40	14.31	17.20	15.98
124	05	29.0	20.30	19.83	23.20	22.67
124	06	29.5	19.30	18.54	20.40	19.59
124	07	30.5	16.60	15.42	18.20	16.91
124	08	31.5	19.00	17.09	20.40	18.35
124	09	32.0	24.20	21.43	25.80	22.84

Comments: