

Anticonvulsant Screening Program

Test 15 Results - IV Metrazol

ASP ID: 2 XX Screen ID: 1

Solvent Code: MC Solvent Prep: TT Route Code: IP
Time of Test: 2.00 (hrs) Infusion Rate: 0.34 (ml/min)
MES ED50: 11.30 (mg/kg) TD50: 46.00 (mg/kg)
Test Date: 28-Jun-1994

Reference: 250:188,189

Analysis

Dose (mg/kg)		Weight (grams)	Time to Twitch	Twitch (mg/kg)	Time to Clonus	Clonus (mg/kg)
0	Mean	29.70	34.6	33.1	40.1	38.4
	Std. Err	0.49	0.62	0.82	1.01	1.30
	P-value					
11.3	Mean	30.00	42.8	40.5	57.4	54.1
	Std. Err	0.34	1.40	1.42	2.36	2.05
	P-value	0.456	0.000	0.001	0.000	0.000
46	Mean	29.75	75.8	72.4	100.3	95.6
	Std. Err	0.48	1.28	1.84	5.74	5.45
	P-value	0.456	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	30.0	35.80	33.81	43.90	41.46
0	02	28.5	37.40	37.18	44.20	43.94
0	03	30.5	31.40	29.17	40.90	37.99
0	04	31.0	37.00	33.82	39.80	36.38
0	05	29.5	33.90	32.56	39.60	38.03
0	06	27.0	34.60	36.31	38.20	40.09
0	07	27.5	33.60	34.62	42.60	43.89
0	08	30.5	32.00	29.73	33.50	31.12
0	09	31.0	34.80	31.81	40.70	37.20
0	10	31.5	35.80	32.20	37.60	33.82
11.3	01	30.5	36.40	33.81	61.10	56.76
11.3	02	28.5	44.20	43.94	48.20	47.92
11.3	03	29.5	36.60	35.15	63.10	60.60

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11.3	04	30.0	45.50	42.97	68.30	64.51
11.3	05	30.0	45.20	42.69	49.00	46.28
11.3	06	30.5	45.10	41.90	58.00	53.88
11.3	07	29.5	44.30	42.55	62.00	59.55
11.3	08	28.5	46.00	45.73	48.30	48.02
11.3	09	31.0	36.80	33.63	51.60	47.16
11.3	10	32.0	48.20	42.68	63.90	56.58

46	01	30.0	73.80	69.70	98.40	92.93
46	02	30.0	76.00	71.78	140.40	132.60
46	03	28.0	75.50	76.40	87.10	88.14
46	04	29.5	75.60	72.61	84.60	81.25
46	05	27.0	82.60	86.68	112.00	117.53
46	06	29.5	73.80	70.88	87.60	84.14
46	07	29.0	68.00	66.44	81.80	79.92
46	08	31.0	78.50	71.75	90.50	82.72
46	09	31.5	73.80	66.38	110.00	98.94
46	10	32.0	80.40	71.19	110.50	97.84

Comments: