

Sodium Tungstate Dihydrate Chronic Perinatal Study - Rats

Table 5: Pup Body Weights (g)

Parameter ^{b,c,d}	Control	250 mg/L	500 mg/L	1000 mg/L	Trend ^a
Male Pup Weight (g)					
PND 4 ^{e,g}	9.80 ± 0.15 [267/41]	9.30 ± 0.22 [214/34]	9.75 ± 0.15 [214/35]	9.18 ± 0.21 [205/34]*	0.057-
PND 4 ^{f,g}	9.82 ± 0.15 [150/37]	9.36 ± 0.22 [132/33]	9.82 ± 0.16 [131/33]	9.28 ± 0.20 [127/32]	0.114-
PND 7 ^h	14.97 ± 0.35 [150/37]	14.19 ± 0.37 [131/33]	14.70 ± 0.35 [131/33]	14.35 ± 0.34 [125/32]	0.386-
PND 10 ^h	21.31 ± 0.53 [148/37]	20.43 ± 0.40 [126/32]	20.83 ± 0.48 [126/32]	20.61 ± 0.49 [125/32]	0.433-
PND 14 ^h	30.97 ± 0.65 [148/37]	30.12 ± 0.48 [126/32]	30.26 ± 0.55 [126/32]	29.84 ± 0.55 [125/32]	0.193-
PND 17 ^h	38.09 ± 0.73 [148/37]	36.46 ± 0.54 [126/32]	36.64 ± 0.63 [126/32]	36.56 ± 0.61 [125/32]	0.147-
PND 21 ^h	51.32 ± 1.05 [148/37]	49.48 ± 0.86 [126/32]	49.77 ± 0.94 [126/32]	48.96 ± 1.08 [125/32]	0.122-
Female Pup Weight (g)					
PND 4 ^{e,g}	9.31 ± 0.17 [240/41]	8.98 ± 0.22 [217/34]	9.43 ± 0.15 [226/35]	8.86 ± 0.18 [189/34]	0.150-
PND 4 ^{f,g}	9.38 ± 0.16 [146/37]	9.00 ± 0.22 [132/33]	9.49 ± 0.15 [133/33]	8.86 ± 0.19 [129/32]	0.105-
PND 7 ^h	14.19 ± 0.35 [146/37]	13.67 ± 0.41 [130/33]	14.21 ± 0.36 [131/33]	13.56 ± 0.34 [128/32]	0.312-
PND 10 ^h	20.21 ± 0.52 [146/37]	19.69 ± 0.46 [129/32]	20.20 ± 0.51 [128/32]	19.58 ± 0.52 [126/32]	0.504-
PND 14 ^h	29.71 ± 0.65 [145/37]	29.17 ± 0.52 [128/32]	29.55 ± 0.63 [128/32]	28.39 ± 0.69 [125/32]	0.196-
PND 17 ^h	36.48 ± 0.69 [145/37]	35.20 ± 0.58 [128/32]	35.63 ± 0.69 [128/32]	34.79 ± 0.77 [125/32]	0.148-
PND 21 ^h	48.27 ± 1.03 [145/37]	47.00 ± 0.87 [128/32]	47.59 ± 0.92 [128/32]	46.26 ± 1.10 [125/32]	0.230-

a: P-value and direction of trend

b: Statistical analysis was performed using linear mixed models with damid as random effect and with Dunnett-Hsu adjustment for multiple comparisons
[* = P<0.05, ** = P<0.01]

c: Mean of litter mean ± standard error [Number of pups/Number of litters]

d: PND = Postnatal Day

e: Body weights at pre-cull, all pups

f: Body weights at pre-cull, pups that were culled are excluded

g: Individual pup weights first adjusted for the covariate live litter size on PND 1

h: Individual pup weights first adjusted for the covariate live litter size on PND 4 postcull