

I04-BMD: Mean Body Weight Summary

DTTID: 108-020-005-000-6
Study Number: 108020005
Study Type: 5-Day Toxicity
Species/Strain: Mouse/B6D2F1/Crl

Test Compound: 1,4-Dichlorobenzene
CAS Number: 106-46-7
DTXSID: DTXSID1020431

Date: 19 Jun 2025
Time: 11:14:01 AM

Female Body Weight Data and BMD Values

	Treatment Groups (ppm) & BMD Values (ppm)						BMD _{1Std}	BMDL _{1Std}
	0	1	10	50	150	400		
SD0 (g)	18.3 ± 0.4[10]	18.0 ± 0.3[5]	18.5 ± 0.5[5]	17.9 ± 0.4[5]	18.4 ± 0.3[5]	18.5 ± 0.4[5]	ND	ND
SD5 (g)	18.4 ± 0.4[10]	18.4 ± 0.3[5]	18.7 ± 0.5[5]	18.5 ± 0.3[5]	19.0 ± 0.3[5]	19.3 ± 0.6[5]	ND	ND
Body Weight Gain (g)	0.1 ± 0.1[10]**	0.4 ± 0.1[5]	0.2 ± 0.4[5]	0.6 ± 0.3[5]	0.7 ± 0.1[5]*	0.8 ± 0.2[5]*	NVM	NVM

Data are displayed as mean ± SEM [N] unless otherwise noted.

SD = Study Day

Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Statistical significance for the control group indicates a significant trend test.

Statistical significant for a treatment group indicates a significant pairwise test compared to the vehicle control group.

* Statistically significant at $p \leq 0.05$

** Statistically significant at $p \leq 0.01$

BMD_{1Std} and BMDL_{1Std}: Benchmark response (BMR) set at 1 standard deviation from the mean.

ND = not determined

NVM = no viable model

**** END OF REPORT ****