### Male Mean Body Weight Summary

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Study Day (SD)** | 0.0 mg/kgN = 10 | 0.15 mg/kgN = 5 | 0.5 mg/kgN = 5 | 1.4 mg/kgN = 5 | 4.0 mg/kgN = 5 | 12.0 mg/kgN = 5 | 37.0 mg/kgN = 5 | 111.0 mg/kgN = 5 | 333.0 mg/kgN = 5 | 1000.0 mg/kgN = 1-5 | BMD1Std (mg/kg) | BMDL1Std (mg/kg) |
| SD0 (g) | 299.9 ± 6.3 | 307.1 ± 5.6 | 300.7 ± 4.3 | 307.3 ± 8.3 | 295.0 ± 10.2 | 304.3 ± 2.6 | 300.7 ± 11.9 | 303.8 ± 9.1 | 306.4 ± 3.4 | 298.7 ± 7.3 | ND | ND |
| SD5 (g) | 315.0 ± 6.8 | 320.7 ± 5.3 | 310.7 ± 5.1 | 324.0 ± 10.6 | 310.8 ± 9.7 | 317.0 ± 2.4 | 316.2 ± 12.6 | 319.4 ± 10.3 | 304.4 ± 4.9 | 295.8 | ND | ND |
| Body Weight Gain (g)  | 15.1 ± 1.2 | 13.6 ± 0.6 | 10.0 ± 1.6 | 16.7 ± 2.7 | 15.8 ± 0.8 | 12.7 ± 1.8 | 15.5 ± 1.7 | 15.6 ± 2.3 | -2.0 ± 4.2\*\* | -31.0 | NVM | NVM |

### Female Mean Body Weight Summary

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Study Day (SD)** | 0.0 mg/kgN = 10 | 0.15 mg/kgN = 5 | 0.5 mg/kgN = 5 | 1.4 mg/kgN = 5 | 4.0 mg/kgN = 5 | 12.0 mg/kgN = 5 | 37.0 mg/kgN = 5 | 111.0 mg/kgN = 5 | 333.0 mg/kgN = 5 | 1000.0 mg/kgN = 5 | BMD1Std (mg/kg) | BMDL1Std (mg/kg) |
| SD0 (g) | 213.2 ± 6.4 | 216.5 ± 4.8 | 213.1 ± 6.6 | 215.7 ± 4.6 | 209.1 ± 6.4 | 209.8 ± 2.8 | 218.0 ± 5.3 | 211.5 ± 4.1 | 210.5 ± 4.8 | 215.1 ± 2.8 | ND | ND |
| SD5 (g) | 218.8 ± 7.0 | 224.9 ± 8.6 | 218.9 ± 6.0 | 219.1 ± 6.6 | 213.9 ± 6.1 | 219.3 ± 2.9 | 222.0 ± 5.5 | 216.2 ± 3.9 | 219.7 ± 5.7 | 222.8 ± 3.0 | ND | ND |
| Body Weight Gain (g)  | 5.6 ± 2.9 | 8.4 ± 4.0 | 5.8 ± 1.0 | 3.5 ± 2.3 | 4.8 ± 1.5 | 9.5 ± 2.1 | 4.0 ± 1.0 | 4.7 ± 1.3 | 9.3 ± 1.7 | 7.7 ± 4.1 | ND | ND |

Data are displayed as mean ± SEM

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

\* Statistically significant at p ≤ 0.05

\*\* Statistically significant at p ≤ 0.01

Only one animal in the male highest dose group so it was excluded from stats and BMD calculation.

NVM = no viable model

BMD1Std and BMDL1Std: Benchmark response (BMR) set at 1 standard deviation from the mean.

ND = not determined