### Male Organ Weights Summary

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Endpoint** | 0.0 mg/kg N = 10 | 0.15 mg/kg N = 5 | 0.5 mg/kg N = 5 | 1.4 mg/kg N = 5 | 4.0 mg/kg N = 5 | 12.0 mg/kg N = 5 | 37.0 mg/kg N = 5 | 111.0 mg/kg N = 5 | 333.0 mg/kg N = 5 | 1000.0 mg/kg N = 1 | BMD1Std (mg/kg) | BMDL1Std (mg/kg) |
| Terminal Body Weight (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 |
| Kidney-Right Absolute (g) | 0.98 ± 0.02\*\* | 1.01 ± 0.02 | 0.98 ± 0.05 | 1.03 ± 0.06 | 1.07 ± 0.05 | 1.02 ± 0.03 | 1.10 ± 0.04 | 1.09 ± 0.07 | 1.06 ± 0.03 | 1.02 | 108.71 | 60.752 |
| Kidney-Right Relative (mg/g) | 3.10 ± 0.04\*\* | 3.16 ± 0.04 | 3.16 ± 0.13 | 3.19 ± 0.12 | 3.43 ± 0.08 | 3.20 ± 0.06 | 3.50 ± 0.04\*\* | 3.41 ± 0.10\*\* | 3.50 ± 0.15\*\* | 3.45 | 0.464 | 0.082 |
| Kidney-Left Relative (mg/g) | 3.10 ± 0.06\*\* | 3.21 ± 0.03 | 3.15 ± 0.08 | 3.11 ± 0.07 | 3.24 ± 0.07 | 3.20 ± 0.05 | 3.37 ± 0.05 | 3.19 ± 0.09 | 3.44 ± 0.14\*\* | 3.28 | 20.907 | 4.272 |
| Liver Weight Absolute (g) | 11.78 ± 0.39\*\* | 12.05 ± 0.23 | 11.83 ± 0.52 | 12.37 ± 0.65 | 12.29 ± 0.59 | 12.12 ± 0.34 | 13.47 ± 0.55\*\* | 16.63 ± 0.55\*\* | 18.04 ± 0.20\*\* | 17.87 | 28.507 | 15.286 |
| Liver Weight Relative (mg/g) | 37.37 ± 0.80\*\* | 37.58 ± 0.63 | 38.03 ± 1.21 | 38.11 ± 1.05 | 39.50 ± 1.06 | 38.26 ± 1.06 | 42.60 ± 0.63\*\* | 52.12 ± 1.06\*\* | 59.30 ± 0.73\*\* | 60.41 | 12.122 | 9.527 |

### Female Organ Weights Summary

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Endpoint** | 0.0 mg/kg N = 10 | 0.15 mg/kg N = 5 | 0.5 mg/kg N = 5 | 1.4 mg/kg N = 5 | 4.0 mg/kg N = 5 | 12.0 mg/kg N = 5 | 37.0 mg/kg N = 5 | 111.0 mg/kg N = 5 | 333.0 mg/kg N = 5 | 1000.0 mg/kg N = 5 | BMD1Std (mg/kg) | BMDL1Std (mg/kg) |
| Terminal Body Weight (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 |
| Liver Weight Absolute (g) | 7.92 ± 0.41\*\* | 8.47 ± 0.61 | 8.21 ± 0.22 | 7.80 ± 0.38 | 7.87 ± 0.46 | 8.15 ± 0.21 | 8.16 ± 0.24 | 7.87 ± 0.13 | 9.22 ± 0.18\*\* | 12.02 ± 0.17\*\* | NVM | NVM |
| Liver Weight Relative (mg/g) | 36.00 ± 0.72\*\* | 37.50 ± 1.29 | 37.54 ± 0.39 | 35.52 ± 0.64 | 36.67 ± 1.13 | 37.15 ± 0.72 | 36.76 ± 0.46 | 36.40 ± 0.34 | 42.01 ± 0.50\*\* | 53.98 ± 0.92\*\* | NVM | NVM |

Data are displayed as mean ± SEM (N) of animals that survived to study termination unless otherwise noted.

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis 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.

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

NVM = no viable model

ND = not determined