|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ERL** | | | | | | |
|  | **Flavor** | **Mean (SD)** | **95% CI of diff.** | **F-ratio** | **(DFn, DFd)** | **p-value** |
| **Cmax**  **(ng/mL)** | Water  Berry  Peach  Lime  Pineapple | 105.53 (13.2)  110.81 (8.59)  110.92 10.3)  164.63**\*** (20.14)  119.80 (28.28) | -   |  | | --- | | -35.98 to 25.42 | | -36.09 to 25.31 | | -89.80 to -28.40 | | -44.97 to 16.43 | | 9.356 | (4, 20) | 0.0002 |
| **tmax**  **(h)** | Water  Berry  Peach  Lime  Pineapple | 1.02 (0.17)  3.00\* (0.79)  2.04\* (0.76)  0.51 (0.09)  2.03\* (0.14) | -  -2.85-1.109  -1.891-0.1493  -0.3607-1.381  -1.881-0.1391 | 18.83 | (4, 20) | < 0.0001 |
| **t½**  **(h)** | Water  Berry  Peach  Lime  Pineapple | 35.06 (3.00)  17.76\* (1.25)  49.58\* (2.50)  57.96\* (4.00)  74.96\* (3.00) | -   |  | | --- | | 12.28 to 22.32 | | -19.54 to -9.501 | | -27.92 to -17.88 | | -44.92 to -34.88 | | 284.9 | (4, 20) | < 0.0001 |
| **AUC0-48 (ng.h/mL)** | Water  Berry  Peach  Lime  Pineapple | 826.94 (85.41)  1177.21\* (144.09)  826.99 (85.57)  1748.66\* (167.63)  941.71 (85.57) | -   |  | | --- | | -556.8 to -143.7 | | -206.6 to 206.5 | | -1128 to -715.2 | | -321.3 to 91.77 | | 53.03 | (4, 20) | < 0.0001 |
| **AUC0-∞ (ng.h/mL)** | Water  Berry  Peach  Lime  Pineapple | 1319.19 (100.01)  1384.83 (135.00)  1534.76 (165.00)  3952.19\* (506.81)  2454.05\* (150.16) | -   |  | | --- | | -514.8 to 383.5 | | -664.7 to 233.6 | | -3082 to -2184 | | -1584 to -685.7 | | 93.18 | (4, 20) | < 0.0001 |
| **CL/F**  **(L/h)** | Water  Berry  Peach  Lime  Pineapple | 15.19 (3.70)  14.48 (2.50)  13.15 (1.80)  5.29\* (3.15)  8.55\*(1.78) | -   |  | | --- | | -3.965 to 5.385 | | -2.635 to 6.715 | | 5.225 to 14.57 | | 1.965 to 11.31 | | 12.47 | (4, 20) | < 0.0001 |

\*Indicates significant difference as compared with the corresponding control (water group). (p ≤ 0.05)

Standard deviation (SD), 95% confidence interval for the difference between the two means (95% CI of diff.), degree of freedom from between the columns (DFn), and degrees of freedom from within the columns (DFd)

**Table S.2** Main pharmacokinetic parameters of ERL following four weeks administration of different types of FW in rats in comparison to control (*n* = 5).