# Pkparameter

## PK parameter of Raltegravir

### Cmax

Figure : Cmax of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Cmax of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Cmax of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Cmax [µg/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 74.25 | 99.27 | 119.42 | 142.09 | 169.71 | 120.83 | 28.90 | 117.29 | 0.25 |
| **Raltegravir 25 mg (lactose formulation)** | 186.14 | 248.33 | 299.97 | 357.19 | 425.91 | 303.18 | 72.42 | 294.32 | 0.25 |
| **Raltegravir 50 mg (lactose formulation)** | 374.54 | 497.63 | 603.48 | 721.31 | 857.83 | 610.52 | 145.57 | 592.75 | 0.25 |
| **Raltegravir 100 mg (lactose formulation)** | 757.46 | 1008.21 | 1221.00 | 1462.19 | 1735.91 | 1236.00 | 293.43 | 1200.35 | 0.25 |
| **Raltegravir 200 mg (lactose formulation)** | 1544.86 | 2059.52 | 2505.81 | 3001.02 | 3513.75 | 2520.26 | 592.64 | 2449.00 | 0.25 |
| **Raltegravir 400mg (lactose formulation)** | 3201.63 | 4224.76 | 5215.70 | 6144.46 | 7118.25 | 5175.56 | 1196.95 | 5034.09 | 0.24 |
| **Raltegravir 800 mg (lactose formulation)** | 6836.30 | 8785.76 | 10702.43 | 12553.35 | 14451.09 | 10663.72 | 2408.14 | 10385.71 | 0.24 |
| **Raltegravir 1200 mg (lactose formulation)** | 10621.28 | 13540.19 | 16300.96 | 19065.05 | 21919.07 | 16253.86 | 3608.03 | 15843.83 | 0.23 |
| **Raltegravir 1600 mg (lactose formulation)** | 14393.52 | 18290.88 | 21949.15 | 25262.79 | 29437.46 | 21850.83 | 4770.32 | 21315.37 | 0.23 |
| **Raltegravir 100 mg filmcoated tablet md** | 611.67 | 819.33 | 970.77 | 1155.38 | 1378.38 | 985.59 | 228.90 | 958.31 | 0.25 |
| **Raltegravir 200 mg filmcoated tablet md** | 1251.81 | 1658.35 | 1992.58 | 2359.13 | 2777.02 | 2004.38 | 461.18 | 1949.94 | 0.24 |
| **Filmcoated\_tablet\_400mg\_sd** | 2436.15 | 3222.34 | 3954.54 | 4665.16 | 5427.50 | 3940.92 | 908.89 | 3833.70 | 0.24 |
| **Raltegravir 400 mg filmcoated tablet md** | 2577.56 | 3413.57 | 4145.97 | 4867.16 | 5609.05 | 4109.94 | 930.24 | 4001.91 | 0.24 |
| **Raltegravir 400mg chewable fasted** | 4411.77 | 5729.61 | 7065.45 | 8296.50 | 9566.57 | 7013.40 | 1601.77 | 6826.37 | 0.24 |
| **Raltegravir 400mg chewable fed** | 1357.06 | 2245.85 | 2777.85 | 3561.89 | 4662.88 | 2879.49 | 1009.69 | 2705.64 | 0.37 |
| **Raltegravir 400mg (granules in suspension)** | 5754.97 | 7413.72 | 9109.06 | 10651.36 | 12266.07 | 9053.40 | 2049.48 | 8816.20 | 0.24 |

### Cmax norm

Figure : Cmax norm of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Cmax norm of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Cmax norm of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Cmax norm [kg/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0.51 | 0.66 | 0.77 | 0.90 | 1.10 | 0.78 | 0.17 | 0.76 | 0.24 |
| **Raltegravir 25 mg (lactose formulation)** | 0.51 | 0.67 | 0.77 | 0.90 | 1.10 | 0.79 | 0.17 | 0.77 | 0.24 |
| **Raltegravir 50 mg (lactose formulation)** | 0.52 | 0.68 | 0.78 | 0.91 | 1.11 | 0.79 | 0.17 | 0.77 | 0.24 |
| **Raltegravir 100 mg (lactose formulation)** | 0.53 | 0.69 | 0.79 | 0.92 | 1.12 | 0.80 | 0.17 | 0.78 | 0.23 |
| **Raltegravir 200 mg (lactose formulation)** | 0.55 | 0.71 | 0.80 | 0.93 | 1.13 | 0.82 | 0.17 | 0.80 | 0.23 |
| **Raltegravir 400mg (lactose formulation)** | 0.57 | 0.73 | 0.82 | 0.96 | 1.15 | 0.84 | 0.17 | 0.82 | 0.22 |
| **Raltegravir 800 mg (lactose formulation)** | 0.60 | 0.75 | 0.85 | 0.99 | 1.17 | 0.86 | 0.17 | 0.84 | 0.21 |
| **Raltegravir 1200 mg (lactose formulation)** | 0.61 | 0.76 | 0.86 | 0.99 | 1.18 | 0.88 | 0.17 | 0.86 | 0.21 |
| **Raltegravir 1600 mg (lactose formulation)** | 0.62 | 0.77 | 0.87 | 1.00 | 1.18 | 0.88 | 0.17 | 0.87 | 0.20 |
| **Raltegravir 100 mg filmcoated tablet md** | 0.42 | 0.54 | 0.62 | 0.73 | 0.89 | 0.64 | 0.14 | 0.62 | 0.23 |
| **Raltegravir 200 mg filmcoated tablet md** | 0.43 | 0.56 | 0.64 | 0.74 | 0.90 | 0.65 | 0.14 | 0.63 | 0.23 |
| **Filmcoated\_tablet\_400mg\_sd** | 0.43 | 0.55 | 0.62 | 0.73 | 0.88 | 0.64 | 0.13 | 0.62 | 0.22 |
| **Raltegravir 400 mg filmcoated tablet md** | 0.45 | 0.58 | 0.65 | 0.76 | 0.92 | 0.67 | 0.14 | 0.65 | 0.22 |
| **Raltegravir 400mg chewable fasted** | 0.78 | 0.98 | 1.11 | 1.30 | 1.55 | 1.13 | 0.23 | 1.11 | 0.22 |
| **Raltegravir 400mg chewable fed** | 0.23 | 0.34 | 0.45 | 0.56 | 0.79 | 0.47 | 0.17 | 0.44 | 0.37 |
| **Raltegravir 400mg (granules in suspension)** | 1.01 | 1.27 | 1.44 | 1.67 | 1.98 | 1.46 | 0.30 | 1.43 | 0.21 |

### tmax

Figure : tmax of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : tmax of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of tmax of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Tmax [h]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0.50 | 0.60 | 0.70 | 0.80 | 1 | 0.72 | 0.15 | 0.71 | 0.21 |
| **Raltegravir 25 mg (lactose formulation)** | 0.50 | 0.60 | 0.70 | 0.80 | 1 | 0.72 | 0.15 | 0.71 | 0.21 |
| **Raltegravir 50 mg (lactose formulation)** | 0.50 | 0.60 | 0.70 | 0.80 | 1 | 0.72 | 0.15 | 0.71 | 0.21 |
| **Raltegravir 100 mg (lactose formulation)** | 0.50 | 0.60 | 0.70 | 0.80 | 1 | 0.72 | 0.15 | 0.70 | 0.21 |
| **Raltegravir 200 mg (lactose formulation)** | 0.50 | 0.60 | 0.70 | 0.80 | 1 | 0.72 | 0.15 | 0.70 | 0.21 |
| **Raltegravir 400mg (lactose formulation)** | 0.50 | 0.60 | 0.70 | 0.80 | 1 | 0.72 | 0.15 | 0.70 | 0.21 |
| **Raltegravir 800 mg (lactose formulation)** | 0.50 | 0.60 | 0.70 | 0.80 | 1 | 0.72 | 0.15 | 0.70 | 0.21 |
| **Raltegravir 1200 mg (lactose formulation)** | 0.50 | 0.60 | 0.70 | 0.83 | 1 | 0.73 | 0.15 | 0.72 | 0.20 |
| **Raltegravir 1600 mg (lactose formulation)** | 0.50 | 0.65 | 0.75 | 0.85 | 1.03 | 0.75 | 0.15 | 0.73 | 0.21 |
| **Raltegravir 100 mg filmcoated tablet md** | 96.75 | 216.55 | 216.73 | 228.70 | 228.95 | 205.45 | 40.09 | 199.59 | 0.28 |
| **Raltegravir 200 mg filmcoated tablet md** | 96.75 | 216.50 | 216.95 | 228.70 | 228.90 | 202.33 | 43.14 | 196.08 | 0.28 |
| **Filmcoated\_tablet\_400mg\_sd** | 0.50 | 0.60 | 0.70 | 0.83 | 1 | 0.73 | 0.15 | 0.71 | 0.21 |
| **Raltegravir 400 mg filmcoated tablet md** | 72.83 | 138.58 | 180.88 | 228.50 | 228.80 | 173.29 | 51.69 | 163.66 | 0.38 |
| **Raltegravir 400mg chewable fasted** | 0.50 | 0.60 | 0.70 | 0.80 | 1 | 0.72 | 0.15 | 0.71 | 0.21 |
| **Raltegravir 400mg chewable fed** | 1.48 | 2.13 | 2.50 | 3.13 | 4 | 2.65 | 0.82 | 2.53 | 0.33 |
| **Raltegravir 400mg (granules in suspension)** | 0.50 | 0.60 | 0.70 | 0.80 | 1 | 0.72 | 0.15 | 0.71 | 0.21 |

### CtEnd

Figure : CtEnd of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : CtEnd of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of CtEnd of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **CtEnd [µg/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 1.10 | 1.72 | 2.43 | 3.18 | 4.93 | 2.59 | 1.20 | 2.34 | 0.48 |
| **Raltegravir 25 mg (lactose formulation)** | 2.77 | 4.30 | 6.08 | 7.94 | 12.35 | 6.48 | 3.02 | 5.86 | 0.48 |
| **Raltegravir 50 mg (lactose formulation)** | 1.07 | 1.44 | 1.70 | 2.13 | 3.01 | 1.84 | 0.57 | 1.75 | 0.31 |
| **Raltegravir 100 mg (lactose formulation)** | 2.01 | 2.66 | 3.18 | 3.96 | 5.60 | 3.42 | 1.08 | 3.27 | 0.31 |
| **Raltegravir 200 mg (lactose formulation)** | 1.39 | 1.78 | 2.19 | 2.84 | 3.74 | 2.36 | 0.79 | 2.25 | 0.33 |
| **Raltegravir 400mg (lactose formulation)** | 2.78 | 3.56 | 4.44 | 5.68 | 7.82 | 4.79 | 1.70 | 4.53 | 0.34 |
| **Raltegravir 800 mg (lactose formulation)** | 4.81 | 6.48 | 7.71 | 10.03 | 13.83 | 8.55 | 3.69 | 8.00 | 0.36 |
| **Raltegravir 1200 mg (lactose formulation)** | 1.39 | 1.83 | 2.26 | 2.96 | 4.37 | 2.51 | 0.96 | 2.35 | 0.36 |
| **Raltegravir 1600 mg (lactose formulation)** | 1.85 | 2.45 | 3.03 | 3.97 | 6.22 | 3.37 | 1.32 | 3.15 | 0.37 |
| **Raltegravir 100 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 200 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Filmcoated\_tablet\_400mg\_sd** | 18.56 | 25.72 | 32.35 | 42.12 | 62.76 | 35.39 | 14.21 | 33.01 | 0.38 |
| **Raltegravir 400 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 400mg chewable fasted** | 23.17 | 32.69 | 41.17 | 57.74 | 104.91 | 49.11 | 25.34 | 44.31 | 0.46 |
| **Raltegravir 400mg chewable fed** | 23.61 | 36.09 | 45.91 | 68.96 | 145.81 | 58.75 | 36.03 | 50.61 | 0.57 |
| **Raltegravir 400mg (granules in suspension)** | 27.09 | 40.42 | 49.86 | 71.61 | 140.15 | 61.32 | 35.06 | 54.27 | 0.50 |

### AUClast

Figure : AUClast of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUClast of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUClast of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUClast [µg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 171.22 | 223.41 | 266.75 | 318.31 | 415.01 | 278.59 | 74.24 | 268.89 | 0.27 |
| **Raltegravir 25 mg (lactose formulation)** | 429.34 | 561.06 | 669.14 | 797.24 | 1038.55 | 698.36 | 185.72 | 674.15 | 0.27 |
| **Raltegravir 50 mg (lactose formulation)** | 926.50 | 1223.77 | 1415.53 | 1712.35 | 2240.13 | 1504.83 | 402.79 | 1452.13 | 0.28 |
| **Raltegravir 100 mg (lactose formulation)** | 1876.22 | 2463.64 | 2869.69 | 3475.27 | 4516.90 | 3041.20 | 809.73 | 2935.73 | 0.27 |
| **Raltegravir 200 mg (lactose formulation)** | 3852.45 | 5072.74 | 5923.36 | 7188.85 | 9208.32 | 6236.17 | 1646.87 | 6023.35 | 0.27 |
| **Raltegravir 400mg (lactose formulation)** | 7889.58 | 10499.37 | 12102.03 | 14717.20 | 18719.51 | 12732.37 | 3327.13 | 12306.49 | 0.27 |
| **Raltegravir 800 mg (lactose formulation)** | 16255.24 | 21806.53 | 24951.05 | 30263.55 | 38306.89 | 26132.79 | 6753.34 | 25277.30 | 0.27 |
| **Raltegravir 1200 mg (lactose formulation)** | 24926.83 | 33224.13 | 38227.51 | 46256.09 | 58538.44 | 39959.65 | 10274.77 | 38665.06 | 0.26 |
| **Raltegravir 1600 mg (lactose formulation)** | 33678.90 | 44392.30 | 51681.03 | 62260.23 | 78819.11 | 53835.97 | 13815.86 | 52099.75 | 0.26 |
| **Raltegravir 100 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 200 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Filmcoated\_tablet\_400mg\_sd** | 6298.92 | 8188.95 | 9637.51 | 11718.01 | 14928.85 | 10129.70 | 2672.29 | 9784.56 | 0.27 |
| **Raltegravir 400 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 400mg chewable fasted** | 10666.56 | 13926.60 | 16292.89 | 19869.15 | 25120.47 | 17106.96 | 4486.52 | 16531.35 | 0.27 |
| **Raltegravir 400mg chewable fed** | 10054.81 | 13089.89 | 15335.36 | 18566.61 | 24149.85 | 16286.97 | 4378.43 | 15713.86 | 0.28 |
| **Raltegravir 400mg (granules in suspension)** | 13638.94 | 17861.67 | 20887.72 | 25441.73 | 32111.82 | 21866.13 | 5726.56 | 21132.84 | 0.27 |

### AUClast norm

Figure : AUClast norm of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUClast norm of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUClast norm of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUClast norm [kg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 1.11 | 1.47 | 1.72 | 2.10 | 2.83 | 1.82 | 0.56 | 1.75 | 0.30 |
| **Raltegravir 25 mg (lactose formulation)** | 1.12 | 1.47 | 1.73 | 2.10 | 2.84 | 1.83 | 0.56 | 1.75 | 0.30 |
| **Raltegravir 50 mg (lactose formulation)** | 1.21 | 1.59 | 1.86 | 2.24 | 3.10 | 1.97 | 0.61 | 1.89 | 0.30 |
| **Raltegravir 100 mg (lactose formulation)** | 1.23 | 1.61 | 1.88 | 2.27 | 3.12 | 1.99 | 0.62 | 1.91 | 0.30 |
| **Raltegravir 200 mg (lactose formulation)** | 1.26 | 1.66 | 1.92 | 2.33 | 3.19 | 2.04 | 0.63 | 1.96 | 0.29 |
| **Raltegravir 400mg (lactose formulation)** | 1.29 | 1.70 | 1.97 | 2.36 | 3.25 | 2.08 | 0.64 | 2.00 | 0.29 |
| **Raltegravir 800 mg (lactose formulation)** | 1.33 | 1.75 | 2.04 | 2.42 | 3.34 | 2.14 | 0.65 | 2.05 | 0.29 |
| **Raltegravir 1200 mg (lactose formulation)** | 1.36 | 1.78 | 2.08 | 2.46 | 3.42 | 2.18 | 0.66 | 2.10 | 0.28 |
| **Raltegravir 1600 mg (lactose formulation)** | 1.38 | 1.80 | 2.10 | 2.48 | 3.46 | 2.20 | 0.66 | 2.12 | 0.28 |
| **Raltegravir 100 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 200 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Filmcoated\_tablet\_400mg\_sd** | 1.03 | 1.36 | 1.56 | 1.89 | 2.59 | 1.66 | 0.51 | 1.59 | 0.29 |
| **Raltegravir 400 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 400mg chewable fasted** | 1.74 | 2.27 | 2.66 | 3.18 | 4.37 | 2.80 | 0.85 | 2.69 | 0.29 |
| **Raltegravir 400mg chewable fed** | 1.65 | 2.12 | 2.54 | 3.04 | 4.19 | 2.67 | 0.83 | 2.55 | 0.30 |
| **Raltegravir 400mg (granules in suspension)** | 2.23 | 2.91 | 3.40 | 4.06 | 5.59 | 3.58 | 1.09 | 3.44 | 0.29 |

### AUCinf

Figure : AUCinf of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUCinf of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUCinf of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUCinf [µg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 181.05 | 243.60 | 276.14 | 334.52 | 436.00 | 293.97 | 78.51 | 283.69 | 0.28 |
| **Raltegravir 25 mg (lactose formulation)** | 454.60 | 611.70 | 692.52 | 836.86 | 1091.94 | 736.86 | 196.37 | 711.21 | 0.27 |
| **Raltegravir 50 mg (lactose formulation)** | 940.62 | 1238.34 | 1439.51 | 1743.67 | 2276.62 | 1530.36 | 408.45 | 1477.17 | 0.27 |
| **Raltegravir 100 mg (lactose formulation)** | 1902.61 | 2498.14 | 2918.13 | 3533.84 | 4579.49 | 3089.14 | 820.64 | 2982.68 | 0.27 |
| **Raltegravir 200 mg (lactose formulation)** | 3873.22 | 5103.85 | 5961.36 | 7239.04 | 9252.74 | 6269.73 | 1655.52 | 6055.97 | 0.27 |
| **Raltegravir 400mg (lactose formulation)** | 7931.11 | 10577.09 | 12177.41 | 14811.16 | 18809.08 | 12799.59 | 3344.57 | 12371.78 | 0.27 |
| **Raltegravir 800 mg (lactose formulation)** | 16326.39 | 21899.15 | 25041.02 | 30443.79 | 38490.24 | 26249.17 | 6783.46 | 25390.34 | 0.27 |
| **Raltegravir 1200 mg (lactose formulation)** | 24948.03 | 33250.24 | 38256.44 | 46311.09 | 58606.67 | 39993.69 | 10283.87 | 38698.06 | 0.26 |
| **Raltegravir 1600 mg (lactose formulation)** | 33707.18 | 44430.73 | 51722.15 | 62333.62 | 78902.40 | 53881.35 | 13828.00 | 52143.74 | 0.26 |
| **Raltegravir 100 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 200 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Filmcoated\_tablet\_400mg\_sd** | 6561.32 | 8838.60 | 10126.54 | 12248.26 | 15521.29 | 10623.47 | 2747.71 | 10273.88 | 0.27 |
| **Raltegravir 400 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 400mg chewable fasted** | 10973.89 | 14891.94 | 16964.23 | 20542.51 | 26161.46 | 17871.25 | 4668.56 | 17270.93 | 0.27 |
| **Raltegravir 400mg chewable fed** | 10311.96 | 14209.88 | 15979.26 | 19151.09 | 24983.68 | 17328.48 | 5632.32 | 16596.78 | 0.29 |
| **Raltegravir 400mg (granules in suspension)** | 14022.97 | 18927.28 | 21645.69 | 26202.09 | 33357.08 | 22927.31 | 6293.38 | 22113.33 | 0.28 |

### AUCinf norm

Figure : AUCinf norm of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUCinf norm of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUCinf norm of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUCinf norm [kg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 1.18 | 1.53 | 1.82 | 2.20 | 3.03 | 1.93 | 0.60 | 1.84 | 0.30 |
| **Raltegravir 25 mg (lactose formulation)** | 1.18 | 1.54 | 1.82 | 2.21 | 3.03 | 1.93 | 0.60 | 1.85 | 0.30 |
| **Raltegravir 50 mg (lactose formulation)** | 1.24 | 1.62 | 1.89 | 2.27 | 3.14 | 2.01 | 0.62 | 1.92 | 0.30 |
| **Raltegravir 100 mg (lactose formulation)** | 1.25 | 1.64 | 1.91 | 2.30 | 3.16 | 2.02 | 0.63 | 1.94 | 0.30 |
| **Raltegravir 200 mg (lactose formulation)** | 1.27 | 1.67 | 1.93 | 2.34 | 3.21 | 2.05 | 0.63 | 1.97 | 0.29 |
| **Raltegravir 400mg (lactose formulation)** | 1.30 | 1.71 | 1.98 | 2.38 | 3.27 | 2.10 | 0.64 | 2.01 | 0.29 |
| **Raltegravir 800 mg (lactose formulation)** | 1.34 | 1.76 | 2.05 | 2.43 | 3.36 | 2.15 | 0.65 | 2.06 | 0.29 |
| **Raltegravir 1200 mg (lactose formulation)** | 1.36 | 1.79 | 2.08 | 2.46 | 3.42 | 2.18 | 0.66 | 2.10 | 0.28 |
| **Raltegravir 1600 mg (lactose formulation)** | 1.39 | 1.81 | 2.10 | 2.49 | 3.46 | 2.20 | 0.66 | 2.12 | 0.28 |
| **Raltegravir 100 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 200 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Filmcoated\_tablet\_400mg\_sd** | 1.10 | 1.42 | 1.66 | 1.97 | 2.70 | 1.74 | 0.52 | 1.67 | 0.29 |
| **Raltegravir 400 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 400mg chewable fasted** | 1.83 | 2.40 | 2.78 | 3.30 | 4.51 | 2.92 | 0.86 | 2.81 | 0.28 |
| **Raltegravir 400mg chewable fed** | 1.75 | 2.23 | 2.66 | 3.18 | 4.59 | 2.82 | 0.89 | 2.70 | 0.30 |
| **Raltegravir 400mg (granules in suspension)** | 2.33 | 3.05 | 3.54 | 4.23 | 5.76 | 3.74 | 1.11 | 3.59 | 0.28 |

### MRT

Figure : MRT of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : MRT of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of MRT of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **MRT [h]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 2.58 | 3.01 | 3.25 | 3.58 | 4.54 | 3.38 | 0.65 | 3.32 | 0.17 |
| **Raltegravir 25 mg (lactose formulation)** | 2.58 | 3.01 | 3.25 | 3.58 | 4.55 | 3.38 | 0.66 | 3.32 | 0.18 |
| **Raltegravir 50 mg (lactose formulation)** | 3.63 | 4.02 | 4.28 | 4.65 | 5.26 | 4.38 | 0.56 | 4.35 | 0.12 |
| **Raltegravir 100 mg (lactose formulation)** | 3.63 | 4.03 | 4.28 | 4.63 | 5.35 | 4.38 | 0.57 | 4.34 | 0.12 |
| **Raltegravir 200 mg (lactose formulation)** | 3.52 | 3.99 | 4.26 | 4.61 | 5.67 | 4.37 | 0.65 | 4.33 | 0.14 |
| **Raltegravir 400mg (lactose formulation)** | 3.48 | 3.98 | 4.21 | 4.63 | 6.08 | 4.41 | 0.76 | 4.36 | 0.16 |
| **Raltegravir 800 mg (lactose formulation)** | 3.43 | 3.95 | 4.22 | 4.69 | 6.54 | 4.49 | 0.92 | 4.41 | 0.18 |
| **Raltegravir 1200 mg (lactose formulation)** | 3.42 | 3.94 | 4.29 | 4.86 | 6.92 | 4.57 | 1.02 | 4.47 | 0.20 |
| **Raltegravir 1600 mg (lactose formulation)** | 3.46 | 3.97 | 4.35 | 4.95 | 7.24 | 4.66 | 1.09 | 4.55 | 0.21 |
| **Raltegravir 100 mg filmcoated tablet md** | 3.01 | 3.43 | 3.74 | 4.10 | 5.16 | 3.90 | 0.86 | 3.83 | 0.18 |
| **Raltegravir 200 mg filmcoated tablet md** | 2.98 | 3.41 | 3.74 | 4.10 | 6.31 | 4.09 | 1.83 | 3.90 | 0.26 |
| **Filmcoated\_tablet\_400mg\_sd** | 4.35 | 4.74 | 5.11 | 5.63 | 6.88 | 5.43 | 1.77 | 5.29 | 0.20 |
| **Raltegravir 400 mg filmcoated tablet md** | 3.06 | 3.52 | 3.81 | 4.27 | 18.98 | 7.17 | 17.16 | 4.53 | 0.69 |
| **Raltegravir 400mg chewable fasted** | 3.73 | 4.03 | 4.30 | 4.77 | 9.15 | 5.48 | 8.14 | 4.68 | 0.38 |
| **Raltegravir 400mg chewable fed** | 5.10 | 5.64 | 6.18 | 7.19 | 11.18 | 9.10 | 24.12 | 6.75 | 0.45 |
| **Raltegravir 400mg (granules in suspension)** | 3.55 | 3.90 | 4.14 | 4.56 | 8.76 | 6.13 | 15.49 | 4.60 | 0.45 |

### Thalf

Figure : Thalf of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Thalf of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Thalf of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Thalf [h]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 3.45 | 3.81 | 4.07 | 4.35 | 5.18 | 4.16 | 0.62 | 4.12 | 0.13 |
| **Raltegravir 25 mg (lactose formulation)** | 3.45 | 3.81 | 4.07 | 4.34 | 5.17 | 4.16 | 0.62 | 4.12 | 0.13 |
| **Raltegravir 50 mg (lactose formulation)** | 7.16 | 8.54 | 9.32 | 10.18 | 14.30 | 9.74 | 2.22 | 9.54 | 0.20 |
| **Raltegravir 100 mg (lactose formulation)** | 7.20 | 8.64 | 9.41 | 10.17 | 14.29 | 9.78 | 2.15 | 9.59 | 0.19 |
| **Raltegravir 200 mg (lactose formulation)** | 8.69 | 9.21 | 9.60 | 9.93 | 11.93 | 9.74 | 1.01 | 9.69 | 0.10 |
| **Raltegravir 400mg (lactose formulation)** | 7.67 | 9.20 | 9.60 | 9.93 | 11.92 | 9.67 | 1.14 | 9.60 | 0.12 |
| **Raltegravir 800 mg (lactose formulation)** | 5.74 | 9.12 | 9.55 | 9.87 | 11.65 | 9.44 | 1.38 | 9.32 | 0.17 |
| **Raltegravir 1200 mg (lactose formulation)** | 8.65 | 9.25 | 9.44 | 9.58 | 10.06 | 9.38 | 0.59 | 9.36 | 7.34E-02 |
| **Raltegravir 1600 mg (lactose formulation)** | 7.98 | 9.24 | 9.43 | 9.58 | 10.06 | 9.32 | 0.72 | 9.29 | 9.24E-02 |
| **Raltegravir 100 mg filmcoated tablet md** | 3.81 | 4.27 | 4.71 | 5.21 | 6.18 | 4.84 | 0.92 | 4.77 | 0.16 |
| **Raltegravir 200 mg filmcoated tablet md** | 3.80 | 4.27 | 4.65 | 5.21 | 6.93 | 5.05 | 2.17 | 4.85 | 0.24 |
| **Filmcoated\_tablet\_400mg\_sd** | 6.23 | 7.90 | 8.98 | 11.30 | 15.74 | 9.79 | 3.12 | 9.37 | 0.30 |
| **Raltegravir 400 mg filmcoated tablet md** | 4.18 | 4.62 | 5.09 | 5.72 | 25.05 | 8.23 | 15.17 | 5.88 | 0.62 |
| **Raltegravir 400mg chewable fasted** | 5.24 | 7.13 | 8.48 | 10.39 | 14.09 | 9.60 | 8.26 | 8.66 | 0.39 |
| **Raltegravir 400mg chewable fed** | 4.56 | 5.81 | 7.53 | 9.47 | 12.33 | 9.75 | 19.44 | 7.70 | 0.48 |
| **Raltegravir 400mg (granules in suspension)** | 4.58 | 6.96 | 8.31 | 10.00 | 13.68 | 10.02 | 14.30 | 8.47 | 0.44 |

### CL

Figure : CL of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : CL of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of CL of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **CL [ml/min/kg]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 5.51 | 7.56 | 9.18 | 10.91 | 14.18 | 9.42 | 2.71 | 9.04 | 0.30 |
| **Raltegravir 25 mg (lactose formulation)** | 5.50 | 7.55 | 9.15 | 10.84 | 14.12 | 9.39 | 2.69 | 9.01 | 0.30 |
| **Raltegravir 50 mg (lactose formulation)** | 5.31 | 7.33 | 8.81 | 10.30 | 13.43 | 9.04 | 2.58 | 8.68 | 0.30 |
| **Raltegravir 100 mg (lactose formulation)** | 5.27 | 7.24 | 8.75 | 10.17 | 13.32 | 8.95 | 2.53 | 8.59 | 0.30 |
| **Raltegravir 200 mg (lactose formulation)** | 5.20 | 7.11 | 8.61 | 9.99 | 13.13 | 8.81 | 2.47 | 8.47 | 0.29 |
| **Raltegravir 400mg (lactose formulation)** | 5.10 | 7.02 | 8.41 | 9.73 | 12.84 | 8.62 | 2.38 | 8.29 | 0.29 |
| **Raltegravir 800 mg (lactose formulation)** | 4.96 | 6.86 | 8.14 | 9.49 | 12.46 | 8.39 | 2.28 | 8.08 | 0.29 |
| **Raltegravir 1200 mg (lactose formulation)** | 4.87 | 6.77 | 8.01 | 9.33 | 12.22 | 8.25 | 2.23 | 7.95 | 0.28 |
| **Raltegravir 1600 mg (lactose formulation)** | 4.81 | 6.71 | 7.94 | 9.23 | 12.03 | 8.16 | 2.20 | 7.87 | 0.28 |
| **Raltegravir 100 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 200 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Filmcoated\_tablet\_400mg\_sd** | 6.16 | 8.46 | 10.04 | 11.75 | 15.18 | 10.36 | 2.82 | 9.98 | 0.29 |
| **Raltegravir 400 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 400mg chewable fasted** | 3.70 | 5.05 | 6.00 | 6.96 | 9.13 | 6.16 | 1.66 | 5.94 | 0.28 |
| **Raltegravir 400mg chewable fed** | 3.64 | 5.24 | 6.27 | 7.49 | 9.52 | 6.44 | 1.83 | 6.18 | 0.30 |
| **Raltegravir 400mg (granules in suspension)** | 2.90 | 3.94 | 4.71 | 5.46 | 7.17 | 4.81 | 1.30 | 4.64 | 0.28 |

### Vss

Figure : Vss of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Vss of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Vss of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Vss [ml/kg]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 1237.58 | 1501.28 | 1739.60 | 2044.86 | 2883.75 | 1876.51 | 630.37 | 1802.49 | 0.27 |
| **Raltegravir 25 mg (lactose formulation)** | 1237.02 | 1496.83 | 1731.08 | 2034.54 | 2861.18 | 1869.66 | 628.62 | 1796.10 | 0.27 |
| **Raltegravir 50 mg (lactose formulation)** | 1492.94 | 1896.37 | 2223.80 | 2672.57 | 3808.38 | 2352.72 | 718.74 | 2262.41 | 0.28 |
| **Raltegravir 100 mg (lactose formulation)** | 1485.38 | 1890.96 | 2209.49 | 2629.80 | 3747.02 | 2327.46 | 707.45 | 2239.84 | 0.28 |
| **Raltegravir 200 mg (lactose formulation)** | 1483.02 | 1860.32 | 2173.31 | 2542.45 | 3454.22 | 2282.90 | 693.83 | 2200.57 | 0.27 |
| **Raltegravir 400mg (lactose formulation)** | 1457.01 | 1832.78 | 2128.48 | 2464.24 | 3488.22 | 2252.80 | 718.49 | 2165.79 | 0.28 |
| **Raltegravir 800 mg (lactose formulation)** | 1430.20 | 1793.63 | 2138.40 | 2444.66 | 3633.91 | 2232.98 | 752.86 | 2138.15 | 0.29 |
| **Raltegravir 1200 mg (lactose formulation)** | 1423.96 | 1756.53 | 2099.61 | 2427.46 | 3738.59 | 2234.85 | 771.42 | 2133.90 | 0.30 |
| **Raltegravir 1600 mg (lactose formulation)** | 1419.72 | 1739.43 | 2119.36 | 2433.55 | 3820.26 | 2256.40 | 795.47 | 2148.91 | 0.31 |
| **Raltegravir 100 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 200 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Filmcoated\_tablet\_400mg\_sd** | 1993.72 | 2569.40 | 3064.18 | 3715.72 | 5578.21 | 3384.53 | 1669.90 | 3164.71 | 0.35 |
| **Raltegravir 400 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 400mg chewable fasted** | 1049.79 | 1346.22 | 1570.76 | 1876.06 | 3510.52 | 1949.53 | 2469.16 | 1667.64 | 0.43 |
| **Raltegravir 400mg chewable fed** | 1454.52 | 1926.67 | 2326.92 | 3057.91 | 4763.50 | 2960.03 | 3948.63 | 2503.40 | 0.46 |
| **Raltegravir 400mg (granules in suspension)** | 799.48 | 1018.06 | 1190.40 | 1418.93 | 2842.34 | 1586.65 | 2780.77 | 1279.11 | 0.47 |

### Vd

Figure : Vd of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Vd of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Vd of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Vd [ml/kg]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 1699.35 | 2575.41 | 3191.70 | 4096.17 | 5644.83 | 3455.13 | 1377.15 | 3223.98 | 0.38 |
| **Raltegravir 25 mg (lactose formulation)** | 1695.67 | 2573.00 | 3184.25 | 4084.14 | 5611.94 | 3441.97 | 1369.44 | 3212.63 | 0.38 |
| **Raltegravir 50 mg (lactose formulation)** | 3670.38 | 5628.52 | 6809.24 | 8952.73 | 14519.93 | 7766.95 | 3478.09 | 7163.26 | 0.41 |
| **Raltegravir 100 mg (lactose formulation)** | 3706.71 | 5647.20 | 6839.56 | 8877.32 | 14270.47 | 7705.38 | 3336.49 | 7136.79 | 0.40 |
| **Raltegravir 200 mg (lactose formulation)** | 4156.73 | 5898.66 | 7082.07 | 8619.15 | 12121.74 | 7443.33 | 2344.58 | 7102.16 | 0.31 |
| **Raltegravir 400mg (lactose formulation)** | 4071.86 | 5763.51 | 6761.93 | 8356.18 | 11646.82 | 7217.72 | 2280.06 | 6886.29 | 0.31 |
| **Raltegravir 800 mg (lactose formulation)** | 3784.09 | 5359.91 | 6547.36 | 8095.68 | 10791.02 | 6849.55 | 2206.19 | 6515.87 | 0.33 |
| **Raltegravir 1200 mg (lactose formulation)** | 3988.05 | 5457.94 | 6473.89 | 7749.03 | 10198.39 | 6687.27 | 1826.11 | 6441.59 | 0.28 |
| **Raltegravir 1600 mg (lactose formulation)** | 3941.30 | 5382.23 | 6280.72 | 7674.01 | 10094.01 | 6568.27 | 1806.93 | 6324.73 | 0.28 |
| **Raltegravir 100 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 200 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Filmcoated\_tablet\_400mg\_sd** | 3976.69 | 5967.97 | 7799.05 | 11034.18 | 19279.74 | 9049.15 | 4704.92 | 8095.66 | 0.49 |
| **Raltegravir 400 mg filmcoated tablet md** | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| **Raltegravir 400mg chewable fasted** | 2049.41 | 3321.83 | 4204.49 | 6215.45 | 10217.34 | 5168.71 | 4016.86 | 4448.40 | 0.55 |
| **Raltegravir 400mg chewable fed** | 1935.22 | 2883.34 | 3888.29 | 5908.24 | 8995.11 | 4961.58 | 4914.84 | 4119.14 | 0.59 |
| **Raltegravir 400mg (granules in suspension)** | 1462.01 | 2522.43 | 3142.90 | 4915.89 | 7681.75 | 4051.77 | 3926.75 | 3401.27 | 0.57 |

### Cmax (first dosing interval)

Figure : Cmax (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Cmax (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Cmax (first dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Cmax (first dosing interval) [µg/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 582.55 | 772.31 | 936.96 | 1118.69 | 1328.56 | 947.21 | 223.24 | 920.26 | 0.25 |
| **Raltegravir 200 mg filmcoated tablet md** | 1183.34 | 1571.07 | 1906.48 | 2273.39 | 2686.10 | 1924.58 | 450.12 | 1870.70 | 0.25 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 2436.27 | 3222.89 | 3954.96 | 4665.73 | 5427.87 | 3941.41 | 909.03 | 3834.17 | 0.24 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### Cmax norm (first dosing interval)

Figure : Cmax norm (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Cmax norm (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Cmax norm (first dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Cmax norm (first dosing interval) [kg/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 0.41 | 0.53 | 0.60 | 0.71 | 0.86 | 0.61 | 0.13 | 0.60 | 0.23 |
| **Raltegravir 200 mg filmcoated tablet md** | 0.42 | 0.54 | 0.61 | 0.71 | 0.87 | 0.62 | 0.13 | 0.61 | 0.23 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 0.43 | 0.55 | 0.62 | 0.73 | 0.88 | 0.64 | 0.13 | 0.62 | 0.22 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### Cmax (last dosing interval)

Figure : Cmax (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Cmax (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Cmax (last dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Cmax (last dosing interval) [µg/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 611.42 | 819.05 | 970.46 | 1155.37 | 1378.38 | 985.35 | 228.87 | 958.06 | 0.25 |
| **Raltegravir 200 mg filmcoated tablet md** | 1250.74 | 1658.10 | 1991.93 | 2358.24 | 2777.02 | 2003.87 | 461.10 | 1949.44 | 0.24 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 2574.38 | 3411.37 | 4143.78 | 4865.67 | 5609.05 | 4107.61 | 930.19 | 3999.54 | 0.24 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### Cmax norm (last dosing interval

Figure : Cmax norm (last dosing interval of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Cmax norm (last dosing interval of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Cmax norm (last dosing interval of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Cmax norm (last dosing interval [kg/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 0.42 | 0.54 | 0.62 | 0.73 | 0.89 | 0.64 | 0.14 | 0.62 | 0.23 |
| **Raltegravir 200 mg filmcoated tablet md** | 0.43 | 0.56 | 0.64 | 0.74 | 0.90 | 0.65 | 0.14 | 0.63 | 0.23 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 0.45 | 0.58 | 0.65 | 0.76 | 0.91 | 0.67 | 0.14 | 0.65 | 0.22 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### tmax (first dosing interval)

Figure : tmax (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : tmax (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of tmax (first dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Tmax (first dosing interval) [h]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 0.50 | 0.60 | 0.70 | 0.85 | 1.03 | 0.73 | 0.15 | 0.72 | 0.21 |
| **Raltegravir 200 mg filmcoated tablet md** | 0.50 | 0.60 | 0.70 | 0.85 | 1 | 0.73 | 0.15 | 0.71 | 0.21 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 0.50 | 0.60 | 0.70 | 0.83 | 1 | 0.73 | 0.15 | 0.71 | 0.21 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### tmax (last dosing interval)

Figure : tmax (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : tmax (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of tmax (last dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Tmax (last dosing interval) [h]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 228.50 | 228.60 | 228.70 | 228.85 | 229.03 | 228.73 | 0.16 | 228.73 | 6.94E-04 |
| **Raltegravir 200 mg filmcoated tablet md** | 228.50 | 228.60 | 228.70 | 228.85 | 229.03 | 228.73 | 0.16 | 228.73 | 6.94E-04 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 228.50 | 228.60 | 228.70 | 228.83 | 229.03 | 228.73 | 0.16 | 228.73 | 6.91E-04 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### Ctrough (first dosing interval)

Figure : Ctrough (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Ctrough (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Ctrough (first dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Ctrough (first dosing interval) [µg/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 11.84 | 17.86 | 23.92 | 31.47 | 47.13 | 25.81 | 11.14 | 23.62 | 0.45 |
| **Raltegravir 200 mg filmcoated tablet md** | 23.77 | 36.04 | 49.10 | 65.94 | 97.53 | 52.90 | 23.82 | 48.13 | 0.46 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 47.88 | 73.85 | 98.56 | 135.76 | 191.74 | 108.61 | 52.44 | 98.30 | 0.47 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### Ctrough (last dosing interval)

Figure : Ctrough (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Ctrough (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Ctrough (last dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Ctrough (last dosing interval) [µg/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 22.24 | 29.68 | 38.37 | 47.53 | 70.19 | 40.39 | 14.98 | 37.85 | 0.37 |
| **Raltegravir 200 mg filmcoated tablet md** | 44.85 | 59.49 | 77.11 | 97.62 | 140.94 | 82.73 | 31.78 | 77.18 | 0.39 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 90.09 | 120.01 | 156.79 | 212.69 | 284.87 | 171.62 | 69.62 | 159.34 | 0.40 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### AUClast (first dosing interval)

Figure : AUClast (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUClast (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUClast (first dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUClast (first dosing interval) [µg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 1408.06 | 1852.87 | 2185.19 | 2612.68 | 3391.39 | 2288.82 | 605.86 | 2210.16 | 0.27 |
| **Raltegravir 200 mg filmcoated tablet md** | 2857.84 | 3774.69 | 4403.21 | 5304.68 | 6832.68 | 4626.06 | 1220.88 | 4467.93 | 0.27 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 5829.40 | 7581.72 | 8983.46 | 10901.81 | 13829.15 | 9383.10 | 2479.09 | 9061.97 | 0.27 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### AUClast norm (first dosing interval)

Figure : AUClast norm (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUClast norm (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUClast norm (first dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUClast norm (first dosing interval) [kg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 0.92 | 1.21 | 1.42 | 1.71 | 2.31 | 1.50 | 0.45 | 1.44 | 0.29 |
| **Raltegravir 200 mg filmcoated tablet md** | 0.94 | 1.22 | 1.44 | 1.72 | 2.34 | 1.51 | 0.46 | 1.45 | 0.29 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 0.96 | 1.22 | 1.46 | 1.77 | 2.38 | 1.54 | 0.46 | 1.47 | 0.29 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### AUClast (last dosing interval)

Figure : AUClast (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUClast (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUClast (last dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUClast (last dosing interval) [µg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 1587.60 | 2086.11 | 2433.33 | 2948.83 | 3831.70 | 2579.94 | 687.96 | 2490.40 | 0.27 |
| **Raltegravir 200 mg filmcoated tablet md** | 3222.37 | 4221.38 | 4956.46 | 6005.29 | 7718.06 | 5219.68 | 1384.05 | 5040.42 | 0.27 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 6570.00 | 8586.25 | 10095.94 | 12267.15 | 15628.44 | 10614.16 | 2798.26 | 10253.68 | 0.27 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### AUClast norm (first dosing interval)

Figure : AUClast norm (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUClast norm (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUClast norm (first dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUClast norm (first dosing interval) [kg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 1.05 | 1.37 | 1.59 | 1.92 | 2.65 | 1.69 | 0.53 | 1.62 | 0.30 |
| **Raltegravir 200 mg filmcoated tablet md** | 1.06 | 1.39 | 1.61 | 1.95 | 2.67 | 1.71 | 0.53 | 1.64 | 0.30 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 1.08 | 1.42 | 1.64 | 1.97 | 2.72 | 1.74 | 0.54 | 1.67 | 0.29 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### AUCinf (first dosing interval)

Figure : AUCinf (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUCinf (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUCinf (first dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUCinf (first dosing interval) [µg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 1529.57 | 2073.75 | 2323.26 | 2806.86 | 3629.15 | 2466.61 | 649.11 | 2382.53 | 0.27 |
| **Raltegravir 200 mg filmcoated tablet md** | 3103.03 | 4255.57 | 4731.09 | 5699.44 | 7323.79 | 5011.91 | 1299.73 | 4844.60 | 0.27 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 6427.13 | 8719.06 | 10064.28 | 12030.33 | 15761.50 | 10729.75 | 3317.10 | 10272.54 | 0.30 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### AUCinf norm (first dosing interval)

Figure : AUCinf norm (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUCinf norm (first dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUCinf norm (first dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUCinf norm (first dosing interval) [kg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 1.00 | 1.29 | 1.53 | 1.84 | 2.52 | 1.62 | 0.49 | 1.55 | 0.29 |
| **Raltegravir 200 mg filmcoated tablet md** | 1.02 | 1.33 | 1.55 | 1.85 | 2.54 | 1.64 | 0.49 | 1.57 | 0.29 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 1.04 | 1.38 | 1.69 | 1.98 | 2.86 | 1.75 | 0.57 | 1.67 | 0.31 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### AUCinf (last dosing interval)

Figure : AUCinf (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUCinf (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUCinf (last dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUCinf (last dosing interval) [µg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 1798.52 | 2457.21 | 2772.88 | 3325.43 | 4340.07 | 2931.05 | 772.68 | 2831.06 | 0.27 |
| **Raltegravir 200 mg filmcoated tablet md** | 3637.97 | 4997.30 | 5663.87 | 6852.88 | 8790.55 | 5989.60 | 1571.55 | 5784.11 | 0.27 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 7699.58 | 10302.82 | 12021.08 | 14121.73 | 18445.19 | 12516.96 | 3411.64 | 12060.69 | 0.28 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### AUCinf norm (last dosing interval)

Figure : AUCinf norm (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : AUCinf norm (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of AUCinf norm (last dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **AUCinf norm (last dosing interval) [kg\*h/l]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 1.20 | 1.55 | 1.82 | 2.20 | 3.04 | 1.92 | 0.60 | 1.84 | 0.29 |
| **Raltegravir 200 mg filmcoated tablet md** | 1.21 | 1.58 | 1.89 | 2.25 | 3.07 | 1.96 | 0.60 | 1.88 | 0.29 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 1.24 | 1.62 | 1.98 | 2.34 | 3.27 | 2.05 | 0.65 | 1.96 | 0.30 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### t1/2 (last dosing interval)

Figure : t1/2 (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : t1/2 (last dosing interval) of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of t1/2 (last dosing interval) of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **T1/2 (last dosing interval) [h]** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 5.12 | 5.54 | 6.07 | 6.59 | 7.31 | 6.16 | 1.06 | 6.09 | 0.14 |
| **Raltegravir 200 mg filmcoated tablet md** | 5.08 | 5.52 | 6.05 | 6.59 | 10.31 | 6.44 | 2.15 | 6.25 | 0.23 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 5.05 | 5.51 | 6.10 | 6.87 | 17.98 | 7.35 | 3.92 | 6.77 | 0.37 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |

### Rlin

Figure : Rlin of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a linear scale.



Figure : Rlin of Raltegravir shown as box whisker plot, which indicate the 5th, 25th, 50th, 75th, and 95th percentiles in a logarithmic scale.



Table ‑:Percentile of Rlin of Raltegravir.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | | | | |
| **Rlin** |  |  |  |  |  |  |  |  |  |
|  | 5th prctl. | 25th prctl. | 50th prctl. | 75th prctl. | 95th prctl. | arith. mean | std | geo. mean | geo. CV |
| **Raltegravir 10 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 25 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 50 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 800 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1200 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 1600 mg (lactose formulation)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 100 mg filmcoated tablet md** | 1.02 | 1.03 | 1.05 | 1.06 | 1.07 | 1.05 | 1.86E-02 | 1.05 | 1.81E-02 |
| **Raltegravir 200 mg filmcoated tablet md** | 0.98 | 1.04 | 1.05 | 1.06 | 1.07 | 1.04 | 3.44E-02 | 1.04 | 3.55E-02 |
| **Filmcoated\_tablet\_400mg\_sd** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400 mg filmcoated tablet md** | 0.79 | 1.03 | 1.04 | 1.05 | 1.06 | 1.01 | 0.12 | 1.00 | 0.18 |
| **Raltegravir 400mg chewable fasted** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg chewable fed** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |
| **Raltegravir 400mg (granules in suspension)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NaN |