

Pharmacokinetics analytics

Cortellis Drug Discovery Intelligence

Easily benchmark your drugs of interest using the analytical tools in the Pharmacokinetics Knowledge Area.

1. Run a quick search in **Pharmacokinetics**, for example to find data on BTK inhibitors.



2

Pharmacokinetics

Mean / Median

4

▼ Apply Filters

Filter by Value Range

3

Sorted by relevance

Expand all

Showing 1-25 of 6896 Pharmacokinetics records for "Bruton's Tyrosine Kinase (BT..."

<input type="checkbox"/>	Administered Product	Dosage	Measured Product	Parameter	Value	Compartment	Method	Organism	Source
<input type="checkbox"/>	BMS-986142	200 mg	BMS-986142	C _{max}	503 µg/l	Plasma	LC-MS		Annu Meet Am Soc Clin Pharmacol Ther (ASCPT) (2016)
<input type="checkbox"/>	BMS-986142	100 mg	BMS-986142	C _{max}	251 µg/l	Plasma	LC-MS		Annu Meet Am Soc Clin Pharmacol Ther (ASCPT) (2016)
<input type="checkbox"/>	BMS-986142	350 mg	BMS-986142	T _{max}	1.5 h	Plasma	LC-MS		Annu Meet Am Soc Clin Pharmacol Ther (ASCPT) (2016)
<input type="checkbox"/>	BMS-986142	200 mg	BMS-986142	C _{max}	592.44 µg/l	Plasma	LC-MS		Annu Meet Am Soc Clin Pharmacol Ther (ASCPT) (2016)

Apply Filters

Search

Measured Product

Parameter (1)

Method

Compartment (1)

Analysis Type

☒ Plasma (581)

☐ Not specified (93)

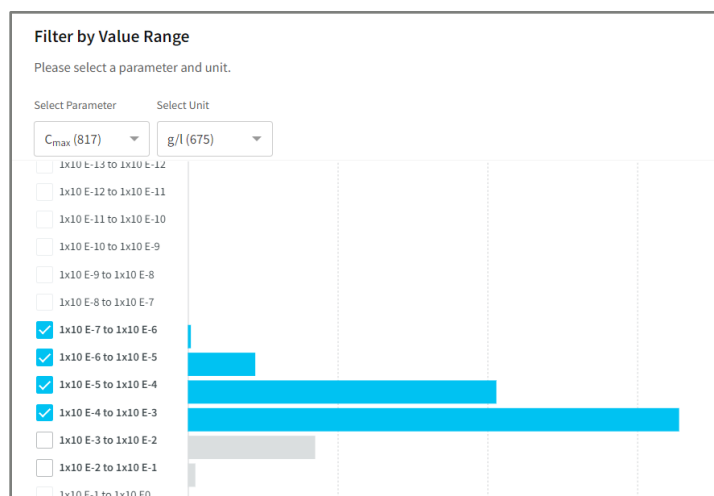
☐ Blood (37)

☐ Serum (4)

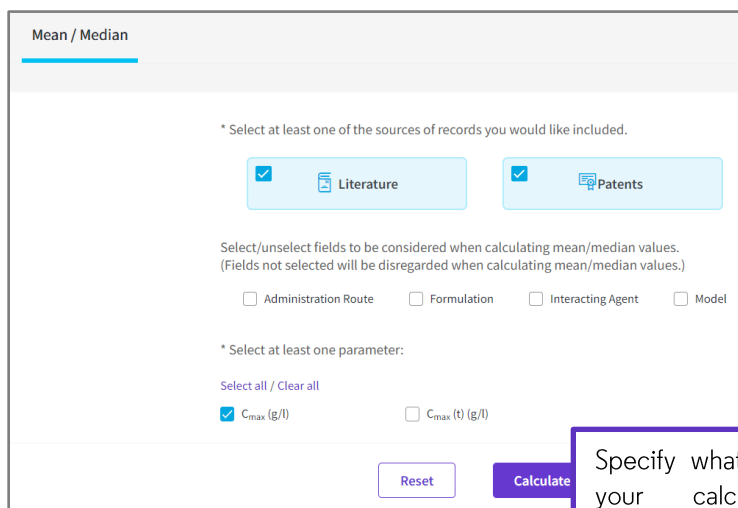
☐ Blood spots, dried (1)

2. In the results page, use **Apply Filters** to select the **Parameter** and the **Compartment** you would like to benchmark, for instance C_{max} in Plasma.

- Use **Filter by Value Range** to see the distribution of your results and refine by value ranges.



- You may see many similar experiments in your results list. Use the **Mean / Median** tab on the top of the page to calculate the mean and median values for those similar experiments.



Mean / Median

* Select at least one of the sources of records you would like included.

☒ Literature ☒ Patents

Select/unselect fields to be considered when calculating mean/median values.
(Fields not selected will be disregarded when calculating mean/median values.)

☐ Administration Route ☐ Formulation ☐ Interacting Agent ☐ Model

* Select at least one parameter:

Select all / Clear all

☒ C_{max} (g/l) ☐ C_{max} (t) (g/l)

Specify what terms to consider for your calculation under the Mean/Median tab. Then hit **Calculate**.

- You can now easily benchmark drugs with the most interesting pharmacokinetic values in the Mean/Median results page.

Pharmacokinetics		Mean / Median			
Apply Filters Clear Sorting Expand all					Showing 26-50 of 342 Mean/Median calculations
Administered Product	Measured Product	Parameter	Mean	Median	
Ibrutinib 140 mg (once a day (A.M.)) x 7 d + 1 co-administered product	Ibrutinib	C _{max}	129 µg/l (n=1)	129 µg/l (n=1)	
Dasatinib 100 mg (single dose) + 1 co-administered product	Dasatinib	C _{max}	117.94 µg/l [7.97 - 227.9] (n=2)	117.94 µg/l [7.97 - 227.9] (n=2)	
Dasatinib 5 mg (single dose) + 1 co-administered product	Dasatinib	C _{max}	414.5 µg/l [107 - 722] (n=2)	414.5 µg/l [107 - 722] (n=2)	
Simvastatin 40 mg (single dose) + 1 co-administered product	Simvastatin	C _{max}	43.1 µg/l (n=1)	43.1 µg/l (n=1)	

(n=x) reflects the number of data points used to calculate the mean/median

For more information contact Customer Service at [LS Product Support](#)