

BTK-IN-17

## Chemical Properties

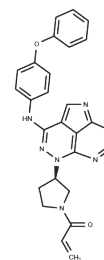
CAS No. :

Formula: C<sub>26</sub>H<sub>23</sub>N<sub>7</sub>O<sub>2</sub>

Molecular Weight: 465.51

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	BTK-IN-17 is a selective, orally active inhibitor of Bruton's Tyrosine Kinase (BTK) with an inhibition concentration (IC <sub>50</sub> ) value of 13.7 nM. It effectively reduces the expression of phosphorylated BTK at Tyrosine 223 (p-BTK Y223) and phosphorylated Phospholipase C Gamma 2 at Tyrosine 1217 (p-PLCγ2 Y1217), demonstrating anti-inflammatory properties.
Targets(IC <sub>50</sub> )	Others,BTK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1482 mL	10.7409 mL	21.4818 mL
5 mM	0.4296 mL	2.1482 mL	4.2964 mL
10 mM	0.2148 mL	1.0741 mL	2.1482 mL
50 mM	0.043 mL	0.2148 mL	0.4296 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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