

BTK-IN-17

Chemical Properties

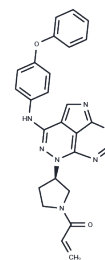
CAS No. :

Formula: C₂₆H₂₃N₇O₂

Molecular Weight: 465.51

Appearance: no data available

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



Biological Description

Description	BTK-IN-17 is a selective, orally active inhibitor of Bruton's Tyrosine Kinase (BTK) with an inhibition concentration (IC ₅₀) 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.
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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