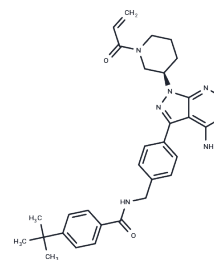


BTK-IN-27

## Chemical Properties

CAS No. : 1841502-36-0  
 Formula: C<sub>31</sub>H<sub>35</sub>N<sub>7</sub>O<sub>2</sub>  
 Molecular Weight: 537.66  
 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-27 (example 8), a potent BTK inhibitor with an IC <sub>50</sub> of 0.2 nM, demonstrates anti-proliferative effects in TMD8 cells with an IC <sub>50</sub> of less than 5 nM. It is suitable for the research of various conditions including cancer, lymphoma, leukemia, and immunological diseases [1].
Targets(IC <sub>50</sub> )	BTK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8599 mL	9.2996 mL	18.5991 mL
5 mM	0.372 mL	1.8599 mL	3.7198 mL
10 mM	0.186 mL	0.930 mL	1.8599 mL
50 mM	0.0372 mL	0.186 mL	0.372 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

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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481