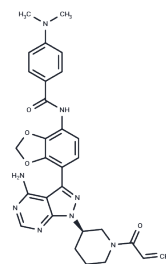


## JAK3/BTK-IN-7

## Chemical Properties

CAS No. :	2844387-16-0
Formula:	C <sub>29</sub> H <sub>30</sub> N <sub>8</sub> O <sub>4</sub>
Molecular Weight:	554.6
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	JAK3/BTK-IN-7 (XL-12), characterized as a JAK3/BTK inhibitor, exhibits IC <sub>50</sub> values of 2 nM and 14 nM for JAK3 and BTK respectively. This compound demonstrates anti-inflammatory properties and is applicable in research related to rheumatoid arthritis [1].
Targets(IC <sub>50</sub> )	BTK,JAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8031 mL	9.0155 mL	18.031 mL
5 mM	0.3606 mL	1.8031 mL	3.6062 mL
10 mM	0.1803 mL	0.9016 mL	1.8031 mL
50 mM	0.0361 mL	0.1803 mL	0.3606 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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