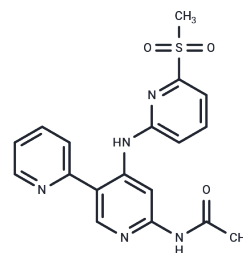


TYK2-IN-11

## Chemical Properties

CAS No. : 2757009-40-6  
 Formula: C<sub>18</sub>H<sub>17</sub>N<sub>5</sub>O<sub>3</sub>S  
 Molecular Weight: 383.42  
 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	TYK2-IN-11 (Compound 5B) is a potent and selective inhibitor of Tyk-2, with IC <sub>50</sub> values of 0.016 nM for TYK2-JH2 and 0.31 nM for JAK1-JH2. This compound shows potential for advancing research in inflammatory and autoimmune diseases [1].
Targets(IC <sub>50</sub> )	Others,JAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6081 mL	13.0405 mL	26.0811 mL
5 mM	0.5216 mL	2.6081 mL	5.2162 mL
10 mM	0.2608 mL	1.3041 mL	2.6081 mL
50 mM	0.0522 mL	0.2608 mL	0.5216 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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