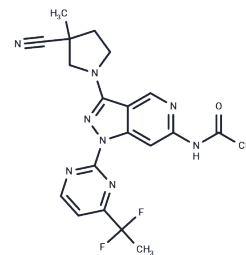


Tyk2-IN-16

Chemical Properties

CAS No. :	3010874-30-0
Formula:	C ₂₀ H ₂₀ F ₂ N ₈ O
Molecular Weight:	426.42
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-16 is a potent and selective TYK2 inhibitor with an IC ₅₀ of less than 10 nM for TYK2-JH2. It inhibits pSTAT4 in NK92 cells with an IC ₅₀ of under 10 nM (WO2023220046A1; compound 184) [1].
Targets(IC ₅₀)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3451 mL	11.7255 mL	23.4511 mL
5 mM	0.469 mL	2.3451 mL	4.6902 mL
10 mM	0.2345 mL	1.1726 mL	2.3451 mL
50 mM	0.0469 mL	0.2345 mL	0.469 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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