Data Sheet (Cat.No.T87584)

TargetMol

Tyk2-IN-15

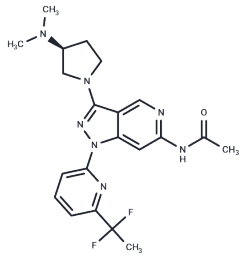
Chemical Properties

CAS No. : 3010873-44-3

Formula: C21H25F2N7O

Molecular Weight: 429.47

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-15 (Compound 97) is a selective inhibitor of tyrosine kinase 2 (Tyk2) with an IC50 value ≤ 10 nM for Tyk2-JH2. It is utilized in the research of inflammatory and autoimmune diseases [1].
Targets(IC50)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3285 mL	11.6423 mL	23.2845 mL
5 mM	0.4657 mL	2.3285 mL	4.6569 mL
10 mM	0.2328 mL	1.1642 mL	2.3285 mL
50 mM	0.0466 mL	0.2328 mL	0.4657 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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