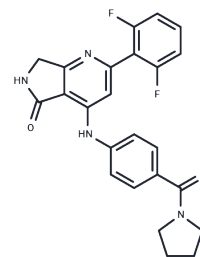


TYK2-IN-12

Chemical Properties

CAS No. : 2244061-66-1
 Formula: C₂₄H₂₀F₂N₄O₂
 Molecular Weight: 434.44
 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-12 (compound 30) is a selective, orally active inhibitor of TYK2 (tyrosine kinase 2) (K _i : 0.51 nM). It inhibits IL-12-induced IFN γ in human and mouse whole blood with IC ₅₀ values of 2.7 and 7.0 μ M, respectively, and can be used to study psoriasis.
Targets(IC ₅₀)	Others,IFNAR,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3018 mL	11.5091 mL	23.0181 mL
5 mM	0.4604 mL	2.3018 mL	4.6036 mL
10 mM	0.2302 mL	1.1509 mL	2.3018 mL
50 mM	0.046 mL	0.2302 mL	0.4604 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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