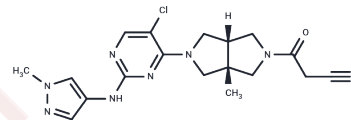


Soficitinib

Chemical Properties

CAS No. :	2574524-67-5
Formula:	C ₁₈ H ₂₁ ClN ₈ O
Molecular Weight:	400.87
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	Soficitinib (Compound 20) is a selective inhibitor targeting tyrosine kinase 2 (TYK2) and Janus kinase 2 (JAK2), with IC ₅₀ values of 0.5 nM and 1.2 nM, respectively. It holds potential for research in autoimmune diseases such as psoriasis and rheumatoid arthritis, as well as inflammatory conditions.
Targets(IC ₅₀)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4946 mL	12.4729 mL	24.9457 mL
5 mM	0.4989 mL	2.4946 mL	4.9891 mL
10 mM	0.2495 mL	1.2473 mL	2.4946 mL
50 mM	0.0499 mL	0.2495 mL	0.4989 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481