

JAK1-IN-16

Chemical Properties

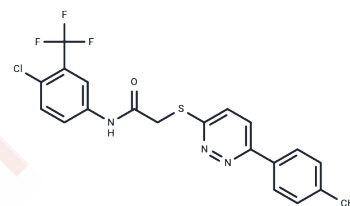
CAS No. :

Formula: C₂₀H₁₅ClF₃N₃O₃S

Molecular Weight: 437.87

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	JAK1-IN-16 (compound 4l) acts as an inhibitor of JAK1/STAT3 and effectively downregulates the expression of TLR4 protein.
Targets(IC50)	STAT,PD-1/PD-L1,Autophagy,JAK,TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2838 mL	11.4189 mL	22.8378 mL
5 mM	0.4568 mL	2.2838 mL	4.5676 mL
10 mM	0.2284 mL	1.1419 mL	2.2838 mL
50 mM	0.0457 mL	0.2284 mL	0.4568 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