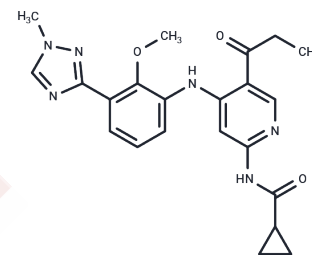


JAK-IN-26

Chemical Properties

CAS No. : 2417134-93-9
 Formula: C₂₂H₂₄N₆O₃
 Molecular Weight: 420.46
 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	JAK-IN-26 (compound 2) is an orally active Janus kinase (JAK) inhibitor with favorable pharmacokinetic properties, demonstrating potency in suppressing IFN- α 2B-induced STAT3 phosphorylation in Jurkat cells, with an IC ₅₀ value of 17.2 nM [1].
Targets(IC ₅₀)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3783 mL	11.8917 mL	23.7835 mL
5 mM	0.4757 mL	2.3783 mL	4.7567 mL
10 mM	0.2378 mL	1.1892 mL	2.3783 mL
50 mM	0.0476 mL	0.2378 mL	0.4757 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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