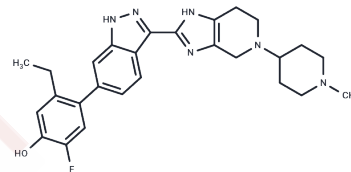


JAK-IN-5

Chemical Properties

CAS No. :	2096999-92-5
Formula:	C ₂₇ H ₃₁ FN ₆ O
Molecular Weight:	474.57
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-5 is a JAK inhibitor.
Targets(IC50)	JAK

Solubility Information

Solubility	DMSO: 50 mg/mL (105.36 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1072 mL	10.5359 mL	21.0717 mL
5 mM	0.4214 mL	2.1072 mL	4.2143 mL
10 mM	0.2107 mL	1.0536 mL	2.1072 mL
50 mM	0.0421 mL	0.2107 mL	0.4214 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.

Reference

Paul R. Fatheree, et al. JAK Kinase Inhibitor Compounds for Treatment of Respiratory Disease. US20170121327A1

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