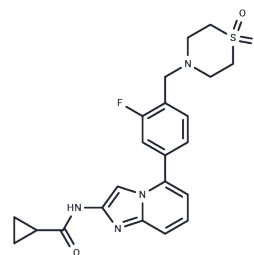


JAK1-IN-8

Chemical Properties

CAS No. : 1973485-18-5
Formula: C₂₂H₂₃FN₄O₃S
Molecular Weight: 442.51
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	JAK1-IN-8, a specific inhibitor of Janus kinase 1 (JAK1, IC ₅₀ <500 nM).
Targets(IC ₅₀)	JAK

Solubility Information

Solubility	DMSO: 112.5 mg/mL (254.2 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	2.2598 mL	11.2992 mL	22.5984 mL
5 mM	0.452 mL	2.2598 mL	4.5197 mL
10 mM	0.226 mL	1.1299 mL	2.2598 mL
50 mM	0.0452 mL	0.226 mL	0.452 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.

Reference

Jin Li, et al. Composés d'imidazo[1,2-a]pyridin-2-ylamine substitués, compositions pharmaceutiques et leurs méthodes d'utilisation. Patent WO2016119700A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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