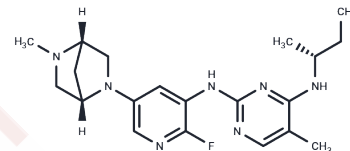


AZ-3

Chemical Properties

CAS No. : 2228908-91-4
 Formula: C₂₀H₂₈FN₇
 Molecular Weight: 385.48
 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	AZ-3 is a potent and selective JAK1 inhibitor (IC ₅₀ : 34 nM).
Targets(IC ₅₀)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5942 mL	12.9708 mL	25.9417 mL
5 mM	0.5188 mL	2.5942 mL	5.1883 mL
10 mM	0.2594 mL	1.2971 mL	2.5942 mL
50 mM	0.0519 mL	0.2594 mL	0.5188 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

Grimster NP, et al. Discovery and Optimization of a Novel Series of Highly Selective JAK1 Kinase Inhibitors. J Med Chem. 2018 Jun 28;61(12):5235-5244.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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