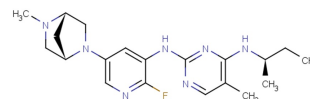


AZ-3

Chemical Properties

CAS No.: 2228908-91-4
Formula: C₂₀H₂₈FN₇
Molecular Weight: 385.48
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	AZ-3 is a potent and selective JAK1 inhibitor (IC ₅₀ : 34 nM).
Targets(IC ₅₀)	JAK1: 34 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.594 mL	12.971 mL	25.942 mL
5 mM	0.519 mL	2.594 mL	5.188 mL
10 mM	0.259 mL	1.297 mL	2.594 mL
50 mM	0.052 mL	0.259 mL	0.519 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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