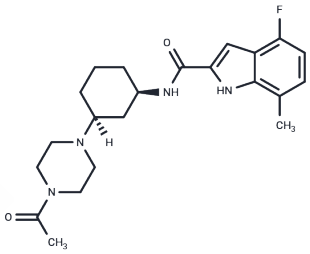
Data Sheet (Cat.No.T9969)

EZM0414

Chemical Properties



CAS No. : 2411748-50-8

Formula: C22H29FN4O2

Molecular Weight: 400.49

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	EZM0414 is a potent and selective, orally bioavailable inhibitor of SETD2 with an IC50 of 18 nM in biochemical assays and 34 nM in cellular assays, potentially useful for researching relapsed or refractory multiple myeloma and diffuse large B-cell lymphoma [1].
Targets(IC50)	Histone Methyltransferase

Solubility Information

Solubility	DMSO: 50 mg/mL (124.85 mM),Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4969 mL	12.4847 mL	24.9694 mL
5 mM	0.4994 mL	2.4969 mL	4.9939 mL
10 mM	0.2497 mL	1.2485 mL	2.4969 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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

Jennifer Totman, et al. Pharmacologic Inhibition of the Histone Methyltransferase SETD2 with EZM0414 As a Novel Therapeutic Strategy in Relapsed or Refractory Multiple Myeloma and Diffuse Large B-cell Lymphoma.

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