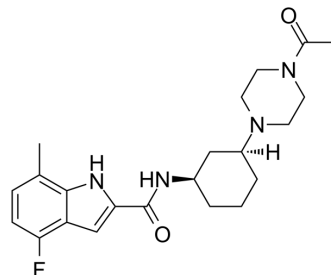


EZM0414

Cat. No.:	HY-144858
CAS No.:	2411748-50-8
Molecular Formula:	C ₂₂ H ₂₉ FN ₄ O ₂
Molecular Weight:	400.49
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 120 mg/mL (299.63 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

EZM0414 is a potent, selective, orally bioavailable inhibitor of SETD2 (IC₅₀=18 nM in SETD2 biochemical assay; IC₅₀=34 nM in cellular assay). EZM0414 can be used for the research of relapsed or refractory multiple myeloma and diffuse large B-cell lymphoma^[1].

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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