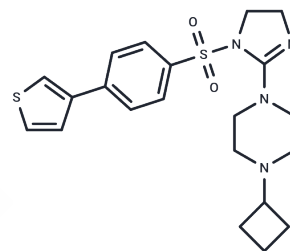


KDM2B-IN-2

Chemical Properties

CAS No. :	1965248-01-4
Formula:	C ₂₁ H ₂₆ N ₄ O ₂ S ₂
Molecular Weight:	430.59
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	KDM2B-IN-2 is a potent histone demethylase (kdm2b) inhibitor.
Targets(IC50)	Histone Demethylase
In vitro	In a KDM2B TR-FRET assay, KDM2B-IN-2 shows an IC ₅₀ of 0.021 μM[1].

Solubility Information

Solubility	DMSO: 28.8 mg/mL (66.88 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	2.3224 mL	11.612 mL	23.2239 mL
5 mM	0.4645 mL	2.3224 mL	4.6448 mL
10 mM	0.2322 mL	1.1612 mL	2.3224 mL
50 mM	0.0464 mL	0.2322 mL	0.4645 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

Brian K. Albrecht, et al. 4,5-dihydroimidazole derivatives and their use as histone demethylase (kdm2b) inhibitors. Patent WO2016112251A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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