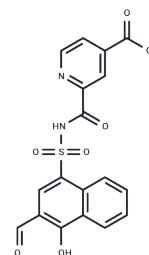


DDO-02267

Chemical Properties

CAS No. : 2919768-58-2
 Formula: C₁₈H₁₂N₂O₇S
 Molecular Weight: 400.362
 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	DDO-02267 is a selective lysine-targeted covalent inhibitor of ALKBH5, with an IC ₅₀ value of 0.49 μM. It increases levels of N ⁶ -methyladenosine (m ⁶ A) and targets the ALKBH5-AXL signaling axis. DDO-02267 serves as a probe for studying the biological function of mRNA demethylases.
Targets(IC ₅₀)	ALK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4978 mL	12.4888 mL	24.9775 mL
5 mM	0.4996 mL	2.4978 mL	4.9955 mL
10 mM	0.2498 mL	1.2489 mL	2.4978 mL
50 mM	0.050 mL	0.2498 mL	0.4996 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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