

KDM5B-IN-3

Chemical Properties

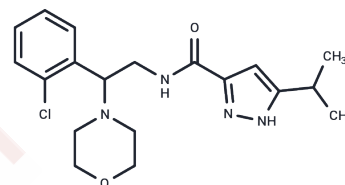
CAS No. : 1385101-10-9

Formula: C₁₉H₂₅ClN₄O₂

Molecular Weight: 376.88

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	KDM5B-IN-3 (Compound 5) is an inhibitor of histone lysine-specific demethylase 5B (KDM5B) or JARID1B, with an IC ₅₀ value of 9.32 μM, and serves as a valuable tool in gastric cancer research [1].
Targets(IC ₅₀)	Histone Demethylase,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6534 mL	13.2668 mL	26.5336 mL
5 mM	0.5307 mL	2.6534 mL	5.3067 mL
10 mM	0.2653 mL	1.3267 mL	2.6534 mL
50 mM	0.0531 mL	0.2653 mL	0.5307 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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