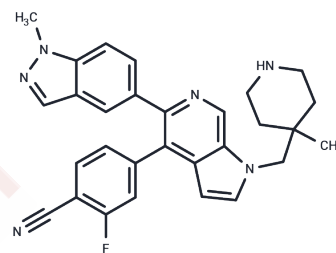


LSD1-UM-109

Chemical Properties

CAS No. : 2252446-26-5
 Formula: C₂₉H₂₇FN₆
 Molecular Weight: 478.56
 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	LSD1-UM-109 is a highly potent and reversible inhibitor of LSD1, demonstrating an IC ₅₀ of 3.1 nM. This compound exhibits strong antiproliferative activity, inhibiting cell growth with IC ₅₀ values of 0.6 nM in the MV4;11 acute leukemia cell line and 1.1 nM in the H1417 small-cell lung cancer cell line [1].
Targets(IC ₅₀)	Histone Demethylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0896 mL	10.448 mL	20.896 mL
5 mM	0.4179 mL	2.0896 mL	4.1792 mL
10 mM	0.209 mL	1.0448 mL	2.0896 mL
50 mM	0.0418 mL	0.209 mL	0.4179 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481