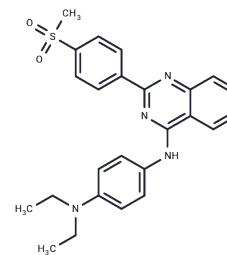


LSD1-IN-35

Chemical Properties

CAS No. :	2992690-04-5
Formula:	C ₂₅ H ₂₆ N ₄ O ₂ S
Molecular Weight:	446.57
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-IN-35 (Compound Z-1) is a selective inhibitor of LSD1, exhibiting an IC ₅₀ of 108 nM. This compound inhibits the demethylation of H3K4me1/2 and acts as an immunomodulator. Additionally, LSD1-IN-35 enhances the responsiveness of gastric cancer cells to T-cell killing by reducing PD-L1 expression, thereby weakening the PD-1/PD-L1 interaction.
Targets(IC50)	Histone Demethylase,PD-1/PD-L1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2393 mL	11.1965 mL	22.3929 mL
5 mM	0.4479 mL	2.2393 mL	4.4786 mL
10 mM	0.2239 mL	1.1196 mL	2.2393 mL
50 mM	0.0448 mL	0.2239 mL	0.4479 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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