

LSD1-IN-37

Chemical Properties

CAS No. :

Formula: C15H13F2N5

Molecular Weight: 301.29

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-37 (Compound 5g) is an inhibitor of lysine-specific demethylase 1 (LSD1), developed through an efficient synthesis strategy incorporating a hexafluoroisopropyl group. This approach does not require metal catalysts and offers excellent reaction stability and adaptability. LSD1-IN-37 exhibits outstanding LSD1 inhibitory activity and has potential for further research.
Targets(IC50)	Histone Demethylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3191 mL	16.5953 mL	33.1906 mL
5 mM	0.6638 mL	3.3191 mL	6.6381 mL
10 mM	0.3319 mL	1.6595 mL	3.3191 mL
50 mM	0.0664 mL	0.3319 mL	0.6638 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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