

Lp-PLA2-IN-4

Chemical Properties

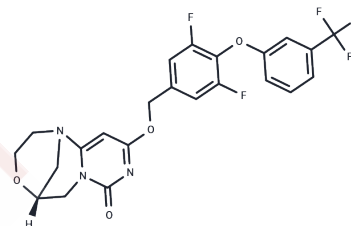
CAS No. : 2738877-91-1

Formula: C₂₃H₁₈F₅N₃O₄

Molecular Weight: 495.4

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	Lp-PLA2-IN-4 is a potent lipoprotein-associated phospholipase A2 (Lp-PLA2) inhibitor and an inhibitor of platelet-activating factor acetylhydrolase (PAF-AH), a phospholipase A2 involved in lipoprotein lipid or phospholipid hydrolysis. Lp-PLA2-IN-4 has potential for study in diseases associated with Lp-PLA2 activity, such as Alzheimer's disease and atherosclerosis. [Compound 38]
Targets(IC50)	Others,Phospholipase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0186 mL	10.0929 mL	20.1857 mL
5 mM	0.4037 mL	2.0186 mL	4.0371 mL
10 mM	0.2019 mL	1.0093 mL	2.0186 mL
50 mM	0.0404 mL	0.2019 mL	0.4037 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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