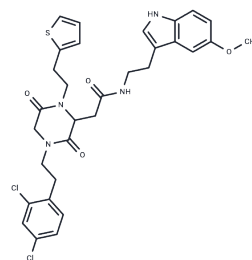


LPT99

Chemical Properties

CAS No. : 1263477-83-3
 Formula: C₃₁H₃₂Cl₂N₄O₄S
 Molecular Weight: 627.581
 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	LPT-99 is an antagonist of the apoptosis protease-activating factor 1 (APAF-1). It inhibits the activation of procaspase-9 and can suppress apoptosis induced by Cisplatin. Additionally, LPT-99 effectively reduces Cisplatin-induced hearing loss in rats.
Targets(IC50)	Apoptosis,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5934 mL	7.9671 mL	15.9342 mL
5 mM	0.3187 mL	1.5934 mL	3.1868 mL
10 mM	0.1593 mL	0.7967 mL	1.5934 mL
50 mM	0.0319 mL	0.1593 mL	0.3187 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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