

Lipid C24

Chemical Properties

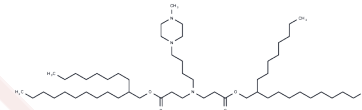
CAS No. : 2767561-52-2

Formula: C₅₅H₁₀₉N₃O₄

Molecular Weight: 876.47

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	Lipid C24, a cationic ionizable compound, plays a crucial role in creating lipid nanoparticles (LNPs) and is utilized in nucleic acid delivery research [1].
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1409 mL	5.7047 mL	11.4094 mL
5 mM	0.2282 mL	1.1409 mL	2.2819 mL
10 mM	0.1141 mL	0.5705 mL	1.1409 mL
50 mM	0.0228 mL	0.1141 mL	0.2282 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.

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