

Lipid U-101

Chemical Properties

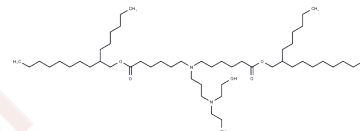
CAS No. :

Formula: C₅₁H₁₀₂N₂O₆

Molecular Weight: 839.37

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 U-101 is an ionizable cationic lipid extensively used in the formulation of lipid nanoparticles (LNPs) for mRNA delivery.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1914 mL	5.9568 mL	11.9137 mL
5 mM	0.2383 mL	1.1914 mL	2.3827 mL
10 mM	0.1191 mL	0.5957 mL	1.1914 mL
50 mM	0.0238 mL	0.1191 mL	0.2383 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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