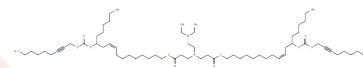


RCB-02-4-8

Chemical Properties

CAS No. : 2941228-91-5
 Formula: C₆₈H₁₂₀N₂O₁₀
 Molecular Weight: 1125.69
 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	RCB-02-4-8, an ionizable cationic lipid designed for the formulation of lipid nanoparticles (LNPs), enhances mRNA delivery with proven effectiveness in increasing lung transfection efficiency in mice [1].
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8883 mL	4.4417 mL	8.8834 mL
5 mM	0.1777 mL	0.8883 mL	1.7767 mL
10 mM	0.0888 mL	0.4442 mL	0.8883 mL
50 mM	0.0178 mL	0.0888 mL	0.1777 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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