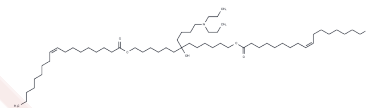


CL4H6

Chemical Properties

CAS No. : 2256087-35-9
 Formula: C59H113NO5
 Molecular Weight: 916.53
 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	CL4H6, a pH-sensitive cationic lipid, serves as the primary constituent of lipid nanoparticles (LNPs). These LNPs are instrumental in targeting and delivering siRNA, leading to a potent gene-silencing response [1] [2].
Targets(IC50)	Others,Liposome
In vitro	CL4H6 exhibits specialized targeting of hepatocytes and facilitates endosomal escape, enabling the safe and efficient delivery of myocardin-related transcription factor/serum response factor (MRTF/SRF)-B siRNA into human conjunctival fibroblasts [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0911 mL	5.4554 mL	10.9107 mL
5 mM	0.2182 mL	1.0911 mL	2.1821 mL
10 mM	0.1091 mL	0.5455 mL	1.0911 mL
50 mM	0.0218 mL	0.1091 mL	0.2182 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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