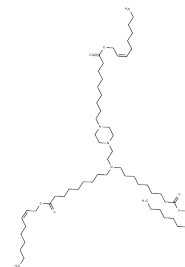


244cis

Chemical Properties

CAS No. : 2956402-64-3
 Formula: C₆₀H₁₁₁N₃O₆
 Molecular Weight: 970.54
 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	244cis, an ionizable cationic lipid incorporating a piperazine structure, facilitates the creation of lipid nanoparticles (LNPs). These LNPs, when formulated with 244cis and coated with an mRNA reporter gene, exhibit preferential accumulation in the lungs of mice, in contrast to those formulated with SM-102. Additionally, it leads to a reduction in the levels of serum chemokine (C-C motif) ligand 2 (CCL2) [1].
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0304 mL	5.1518 mL	10.3035 mL
5 mM	0.2061 mL	1.0304 mL	2.0607 mL
10 mM	0.103 mL	0.5152 mL	1.0304 mL
50 mM	0.0206 mL	0.103 mL	0.2061 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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