

Genevant CL1 monohydrochloride

Chemical Properties

CAS No. :

Formula: C₃₉H₇₄ClNO₂

Molecular Weight: 624.46

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

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|---------------|--|
| Description | Genevant CL1 monohydrochloride is an ionizable cationic lipid (lipid 10, pKa=6.3) used for the delivery of mRNA lipid nanoparticles (LNP) in vaccine applications. |
| Targets(IC50) | Liposome |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6014 mL | 8.0069 mL | 16.0138 mL |
| 5 mM | 0.3203 mL | 1.6014 mL | 3.2028 mL |
| 10 mM | 0.1601 mL | 0.8007 mL | 1.6014 mL |
| 50 mM | 0.032 mL | 0.1601 mL | 0.3203 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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