

G0-C14 HCl

Chemical Properties

CAS No. :

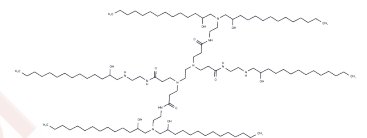
Formula: C106H217ClN10O10

Molecular Weight: 1827.37

Store at low temperature

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	G0-C14 HCl is the salt form of G0-C14, a cationic lipid molecule and amphiphilic dendritic macromolecule commonly used in the synthesis of nanoparticles and vaccine
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5472 mL	2.7362 mL	5.4723 mL
5 mM	0.1094 mL	0.5472 mL	1.0945 mL
10 mM	0.0547 mL	0.2736 mL	0.5472 mL
50 mM	0.0109 mL	0.0547 mL	0.1094 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.

Reference

Li S, et al. Redox-responsive polyprodrug nanoparticles for targeted siRNA delivery and synergistic liver cancer therapy. *Biomaterials*. 2020 Mar;234:119760.

Chen Q, et al. Biodegradable nanoparticles decorated with different carbohydrates for efficient macrophage-targeted gene therapy. *J Control Release*. 2020 Jul 10;323:179-190.

Bai X, et al. Inhaled siRNA nanoparticles targeting IL11 inhibit lung fibrosis and improve pulmonary function post-bleomycin challenge. *Sci Adv*. 2022 Jun 24;8(25):eabn7162.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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