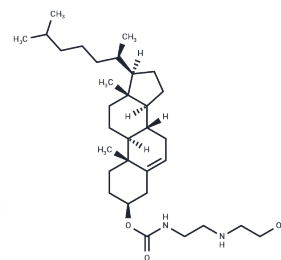


OH-C-Chol

Chemical Properties

CAS No. :	496801-51-5
Formula:	C32H56N2O3
Molecular Weight:	516.811
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	OH-C-Chol is a cationic cholesterol derivative. As a component of lipoplexes with DOPE, OH-C-Chol has been utilized for siRNA delivery and gene silencing in MCF-7 cells and in mice through intravenous injection, leading to lipoplex accumulation in the liver.
Targets(IC50)	Others,Liposome

Solubility Information

Solubility	Ethanol:PBS (pH 7.2) (1:6): 0.14 mg/mL (0.27 mM),Sonication is recommended. DMF: 10 mg/mL (19.35 mM),Sonication is recommended. Ethanol: 10 mg/mL (19.35 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9349 mL	9.6747 mL	19.3495 mL
5 mM	0.387 mL	1.9349 mL	3.8699 mL
10 mM	0.1935 mL	0.9675 mL	1.9349 mL
50 mM	0.0387 mL	0.1935 mL	0.387 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481