

2N12B

Chemical Properties

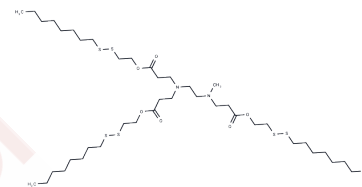
CAS No. :

Formula: C42H82N2O6S6

Molecular Weight: 903.5

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	2N12B is an ionizable cationic lipid containing a disulfide bond (pKa = 6.5), utilized in the creation of lipid nanoparticles (LNPs) for the delivery of siRNA both in vitro and in vivo.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1068 mL	5.534 mL	11.0681 mL
5 mM	0.2214 mL	1.1068 mL	2.2136 mL
10 mM	0.1107 mL	0.5534 mL	1.1068 mL
50 mM	0.0221 mL	0.1107 mL	0.2214 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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