

DB-lipidoid 11-10-8

Chemical Properties

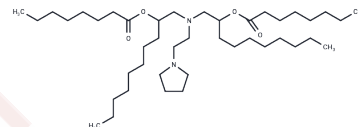
CAS No. : 3078748-21-4

Formula: C42H82N2O4

Molecular Weight: 679.11

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	DB-lipidoid 11-10-8 is an ionizable cationic lipid (pKa = 6.22), utilized in the study of lipid nanoparticles (LNP) for in vivo delivery of mRNA.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4725 mL	7.3626 mL	14.7252 mL
5 mM	0.2945 mL	1.4725 mL	2.945 mL
10 mM	0.1473 mL	0.7363 mL	1.4725 mL
50 mM	0.0295 mL	0.1473 mL	0.2945 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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