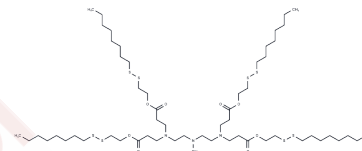


113-012B

Chemical Properties

CAS No. : 2803699-72-9
 Formula: C₅₇H₁₁₁N₃O₈S₈
 Molecular Weight: 1223.03
 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	"113-012B is an ionizable cationic lipidoid containing a disulfide bond, utilized in the generation of lipid nanoparticles (LNPs) for mRNA delivery [1]."
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8176 mL	4.0882 mL	8.1764 mL
5 mM	0.1635 mL	0.8176 mL	1.6353 mL
10 mM	0.0818 mL	0.4088 mL	0.8176 mL
50 mM	0.0164 mL	0.0818 mL	0.1635 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.

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