

306-N16B

## Chemical Properties

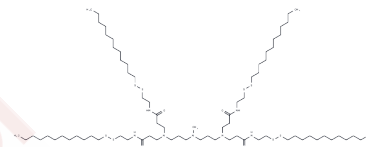
CAS No. : 2803699-70-7

Formula: C75H151N7O4S8

Molecular Weight: 1471.57

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	306-N16B is a lipid nanoparticle designed for the systemic co-delivery of Cas9 mRNA and sgRNA, facilitating the transport of mRNA to pulmonary endothelial cells. This compound is advantageous for research focused on genome editing-based therapies [1].
Targets(IC50)	Others,Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6795 mL	3.3977 mL	6.7955 mL
5 mM	0.1359 mL	0.6795 mL	1.3591 mL
10 mM	0.068 mL	0.3398 mL	0.6795 mL
50 mM	0.0136 mL	0.068 mL	0.1359 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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