

Dlin-MeOH

Chemical Properties

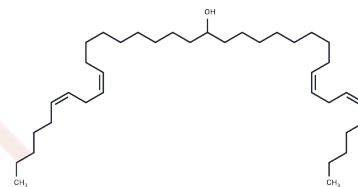
CAS No. : 1169768-28-8

Formula: C37H68O

Molecular Weight: 528.94

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dlin-MeOH is a lipid membrane and a potential nucleic acid carrier for the synthesis of DLin-MC3-DMA.
Targets(IC50)	Others,Liposome

Solubility Information

Solubility	DMSO: 80 mg/mL (151.25 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	1.8906 mL	9.4529 mL	18.9057 mL
5 mM	0.3781 mL	1.8906 mL	3.7811 mL
10 mM	0.1891 mL	0.9453 mL	1.8906 mL
50 mM	0.0378 mL	0.1891 mL	0.3781 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.

Reference

Martijn J.W. Evers, et al. Delivery of modified mRNA to damaged myocardium by systemic administration of lipid nanoparticles, Journal of Controlled Release, Volume 343, 2022, Pages 207-216.

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