

MK16

Chemical Properties

CAS No. :

Formula: C₅₅H₉₁ClF₂N₂O₇S

Molecular Weight: 997.84

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	MK16 is a lipid material designed for constructing lipid nanoparticles capable of penetrating the blood-brain barrier for mRNA delivery.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0022 mL	5.0108 mL	10.0216 mL
5 mM	0.2004 mL	1.0022 mL	2.0043 mL
10 mM	0.1002 mL	0.5011 mL	1.0022 mL
50 mM	0.020 mL	0.1002 mL	0.2004 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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