

IR-117-17

Chemical Properties

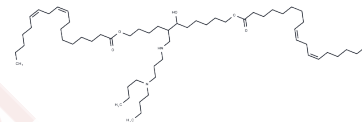
CAS No. : 2940241-38-1

Formula: C₅₉H₁₁₀N₂O₅

Molecular Weight: 927.52

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	IR-117-17 is an ionizable cationic amino lipid that targets the airways. It is degradable via esterase cleavage, making it less likely to accumulate with repeated dosing.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0781 mL	5.3907 mL	10.7814 mL
5 mM	0.2156 mL	1.0781 mL	2.1563 mL
10 mM	0.1078 mL	0.5391 mL	1.0781 mL
50 mM	0.0216 mL	0.1078 mL	0.2156 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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