

## LNP Lipid-8

## Chemical Properties

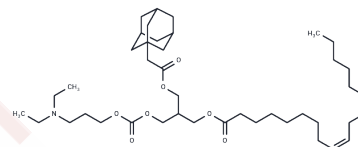
CAS No. : 2408140-60-1

Formula: C42H71NO7

Molecular Weight: 702.02

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	LNP Lipid-8 (11-A-M), an ionizable lipid, is utilized in lipid nanoparticles (LNP) for siRNA delivery to T cells without ligand targeting. When loaded with GFP siRNA (siGFP), it significantly silences the GFP gene in a mouse model [1].
Targets(IC50)	Others,Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4245 mL	7.1223 mL	14.2446 mL
5 mM	0.2849 mL	1.4245 mL	2.8489 mL
10 mM	0.1424 mL	0.7122 mL	1.4245 mL
50 mM	0.0285 mL	0.1424 mL	0.2849 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481