

DMT7

Chemical Properties

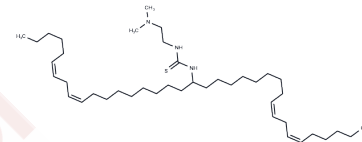
CAS No. :

Formula: C₄₂H₇₉N₃S

Molecular Weight: 658.162

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	DMT7 is an ionizable cationic lipid (pKa = 6.5) utilized in creating lipid nanoparticles (LNPs) for the delivery of mRNA and anticancer drugs in vivo.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5194 mL	7.5969 mL	15.1939 mL
5 mM	0.3039 mL	1.5194 mL	3.0388 mL
10 mM	0.1519 mL	0.7597 mL	1.5194 mL
50 mM	0.0304 mL	0.1519 mL	0.3039 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