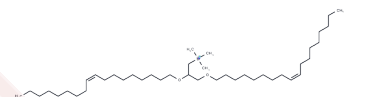


Trimethyl[2,3-(dioleyloxy)propyl]ammonium chloride

Chemical Properties

CAS No. :	104162-48-3
Formula:	C42H84ClNO2
Molecular Weight:	670.58
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Trimethyl[2,3-(dioleyloxy)propyl]ammonium chloride (DOTMA) is a cationic lipid commonly used as a liposomal transfection reagent for the delivery of drugs, DNA, and siRNA.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4912 mL	7.4562 mL	14.9125 mL
5 mM	0.2982 mL	1.4912 mL	2.9825 mL
10 mM	0.1491 mL	0.7456 mL	1.4912 mL
50 mM	0.0298 mL	0.1491 mL	0.2982 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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