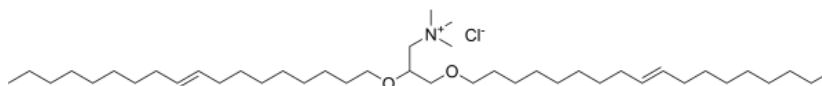


CERTIFICATE OF ANALYSIS

DOTMA

Cat #: orb1473095



Description:

N-[1-(2,3-Dioleoyloxy)propyl]-N,N,N-trimethylammonium (DOTMA) is a cationic lipid. It has been used as a component in liposomes that can be used to encapsulate siRNA, microRNAs, and oligonucleotides and for gene transfection in vitro.

Chemical Information

Catalog	orb1473095
Lot	M4988
Purity of current batch:	>95%
Molecular Weight (MW)	670.57486
Molecular Formula	C42H84NO ₂ ⁺ .Cl ⁻
CAS No.	104162-48-3
Storage	Store at -20°C (desiccating conditions).

Handling:

Providing storage is as stated on the product vial and the vial is kept tightly sealed, the product can be stored for up to 24 months.

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.