

DOTAP chloride

Catalog Number: LP-0007

CAS Number: 132172-61-3

Price: [Online Inquiry](#)

Catalog Number	Price
LP-0007	Online Inquiry

Product Information	
Molecular Formula	C42H80NO4.Cl
Molecular Weight	698.54
Purity	>98%
SMILES	[Cl-].O=C(OCC(OC(=O)CCCCCCCC=CCCCCCCC)C[N+](C)(C)C)CCCCCCCC=CCCCCCCC
InChi	InChI=1/C42H80NO4.ClH/c1-6-8-10-12-14-16-18-20-22-24-26-28-30-32-34-36-41(44)46-39-40(38-43(3,4)5)47-42(45)37-35-33-31-29-27-25-23-21-19-17-15-13-11-9-7-2;/h20-23,40H,6-19,24-39H2,1-5H3;1H/q+1;/p-1/b22-20-,23-21-;
InChi Key	InChIKey=KSXTUUUQYQYKCR-LQDDAWAPNA-M
Alternate Name	N-(1-(2,3-Dioleoyloxy)propyl)-N,N,N-trimethylammonium chloride, (±)-DOTAP chloride, DOTAP chloride, 1-Propanaminium [...], N,N,N-trimethyl-2,3-bis[[9Z]-1-oxo-9-octadecenyl]oxy]-, chloride, 1-Propanaminium, N,N,N-trimethyl-2,3-bis[(1-oxo-9-octadecenyl)oxy]-, chloride, (Z,Z)-, 1,2-Dioleoyl-3-trimethylammonium propane chloride, 1,2-Dioleoyl-3-trimethylammoniumpropane chloride salt
Appearance	Solid
IUPAC Name	1-Propanaminium, N,N,N-trimethyl-2,3-bis[[9Z]-1-oxo-9-octadecenyl]oxy]-, chloride (1:1)

Properties	
Storage Conditions	Freezer