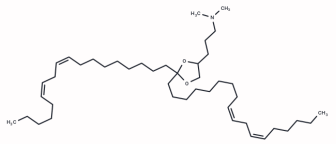
DLin-K-C3-DMA

Cat. No.: **SN-M-LM379**

Chemical Properties

Product Name	DLin-K-C3-DMA
Full Name	3-[2,2-bis[(9Z,12Z)-octadeca-9,12-dienyl]-1,3-dioxolan-4-yl]-N,N-dimethylpropan-1-amine
Cat. No.	SN-M-LM379
CAS No.	1217306-46-1
Molecular Formula	C44H81NO2
Molecular Weight	656.12
Appearance	Liquid
Storage	Store at low temperature
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	DMSO: 80 mg/mL (121.93 mM), Sonication is recommended. | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (5.03 mM), Sonication is recommended.
Purity	98+%

Structure



Biological Description

DLin-K-C3-DMA is a cationic lipid that binds to negatively charged mRNA and siRNA, commonly used in the synthesis of lipid nanoparticles (LNP) for nucleic acid delivery.

Related Products / Keywords

- DLin-K-C3-DMA

This product is a research reagent and must not be used for clinical validation or human therapeutic use.