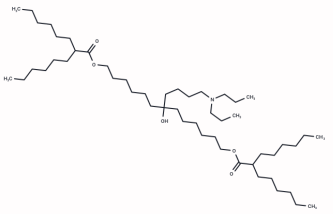
CL4F8-6

Cat. No.: **SN-M-LM822**

Chemical Properties

Product Name	CL4F8-6
Full Name	[7-[4-(dipropylamino)butyl]-13-(2-hexyloctanoyloxy)-7-hydroxytridecyl] 2-hexyloctanoate
Cat. No.	SN-M-LM822
CAS No.	2766493-12-1
Molecular Formula	C51H101NO5
Molecular Weight	808.35
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure



Biological Description

CL4F8-6, an ionizable cationic lipid with a pKa of 6.14, is utilized in lipid nanoparticles (LNPs) for mRNA therapeutics. When incorporated into LNPs delivering Cas9 mRNA and sgRNA, CL4F8-6 facilitates CRISPR-mediated gene knockdown in mice [1] .

Related Products / Keywords

- CL4F8-6

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