Lipid ND-O1

Cat. No.: **SN-M-LM2269**

Chemical Properties

Product Name	Lipid ND-O1
Full Name	2-hexoxyethyl 8-[(8-heptadecan-9-yloxy-8-oxooctyl)-(2-hydroxyethyl)amino]octanoate
Cat. No.	SN-M-LM2269
CAS No.	3096665-79-8
Molecular Formula	C43H85NO6
Molecular Weight	712.15
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

[Product Image]

Biological Description

Lipid ND-O1 is an ionizable cationic lipid containing ether, with a pKa value of 6.6. It is utilized in the preparation of lipid nanoparticles (LNP) for the delivery of siRNA both in vitro and in vivo. Additionally, Lipid ND-O1 LNPs are applicable in studies related to liver fibrosis.

Related Products / Keywords

- Lipid ND-O1

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