BP Lipid 700

Cat. No.: **SN-M-LM2161**

Chemical Properties

Product Name	BP Lipid 700
Cat. No.	SN-M-LM2161
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

BP Lipid 700 is a synthetic ionizable lipid designed for lipid nanoparticle (LNP) formulation, featuring a multi-tailed lipid architecture optimized for nucleic acid encapsulation and delivery. This lipid is engineered with a specific pKa value that enables pH-dependent charge switching — cationic at low pH for efficient RNA complexation and neutral at physiological pH for reduced toxicity. BP Lipid 700 is utilized in LNP-based mRNA and siRNA delivery systems for in vitro and in vivo research applications.

Related Products / Keywords

- BP Lipid 700

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