4A3-SC10

Cat. No.: **SN-M-LM359**

Chemical Properties

Product Name	4A3-SC10
Cat. No.	SN-M-LM359
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

4A3-SC10 is an ionizable cationic lipid (pKa = 6.57) utilized in the formation of lipid nanoparticles (LNPs) for mRNA delivery both in vitro and in vivo. In mice, these LNPs, which contain 4A3-SC10, preferentially accumulate in the liver, kidney, and spleen. Furthermore, LNPs with 4A3-SC10 that encapsulate an mRNA reporter stimulate reporter expression in 4T1 breast cancer cells, B16/F10 melanoma cells, and AML12 hepatocytes.

Related Products / Keywords

- 4A3-SC10

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