Lipid TD5

Cat. No.: **SN-M-LM2159**

Chemical Properties

Product Name	Lipid TD5
Cat. No.	SN-M-LM2159
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 TD5, an ionizable cationic lipid (pKa = 7.3), is utilized in the creation of lipid nanoparticles (LNPs) for mRNA delivery both in vitro and in vivo. These LNPs are internalized via endocytosis in a serotonin (5-HT) receptor subtype 1A-dependent manner in primary mouse astrocytes. When administered intrathecally, LNPs containing lipid TD5 preferentially target the brain over the liver and spleen in mice.

Related Products / Keywords

- Lipid TD5

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

Shanghai Sunlipo Biotech Co., Ltd. · www.med-nanotech.com
Email: sunlipotech@163.com (Technical Service) / info@med-nanotech.com (Application Development)
Tel: 86-21-5127 9909 Fax: 86-21-5193 6393

For Research Use Only. Not for use in humans or for clinical diagnosis.