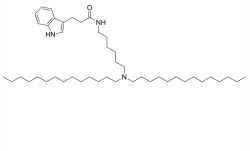
Lipid TD5

Cat. No.: **SN-M-LE0456**

Chemical Properties

Product Name	Lipid TD5
Full Name	N-[6-[di(tetradecyl)amino]hexyl]-3-(1H-indol-3-yl)propanamide
Cat. No.	SN-M-LE0456
CAS No.	2855180-86-6
Molecular Formula	C45H81N3O
Molecular Weight	680.16
Appearance	油状物
Storage	4°C, protect from light
Shipping	Room temperature in continental US; may vary elsewhere.
Solubility	细胞实验： | DMSO 中的溶解度 : 5 mg/mL (7.35 mM; 超声助溶; 吸湿的 DMSO 对产品的溶解度有显著影响，请使用新开封的 DMSO)
Purity	98+%

Structure



Biological Description

Lipid TD5 是一种可电离阳离子脂质，其 pKa 值为 7.3。Lipid TD5 可用于制备脂质纳米颗粒 (LNP)，能够将 mRNA 以及 CRISPR/Cas9 系统高效递送至中枢神经系统并实现表达。

Related Products / Keywords

- Lipid TD52855180-86-6Lipid TD 5Lipid TD-5LiposomeSH-SY5Y human neuroblastoma cells5-HT2A receptorscentral nervous system diseasescaveolae-mediated pathwaysclathrin-mediated pathwaysprimary mouse astrocytesastrocytes5-HT1A receptorbrain tissueendosomal membranesInhibitorinhibitorinhibit

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