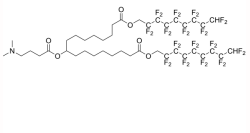
F-L319

Cat. No.: **SN-M-LE760**

Chemical Properties

Product Name	F-L319
Cat. No.	SN-M-LE760
Molecular Formula	C41H47F32NO6
Molecular Weight	1257.76
Storage	Please store the product under the recommended conditions in the Certificate of Analysis.
Shipping	Room temperature in continental US; may vary elsewhere.
Purity	98+%

Structure



Biological Description

F-L319 是一种可电离脂质及脾脏靶向 mRNA 递送载体。F-L319 可被制备成脂质纳米颗粒 (LNP)，在小鼠体内驱动仅局限于脾脏的报告蛋白表达。F-L319 可调控 mRNA 包封效率、细胞摄取效率及递送效率，其效果随 LNP 制剂组成的不同而变化。F-L319 被制备为纯 LNP 时，在细胞中的 mRNA 递送效率较差；而包含 F-L319 和 L319 的杂合 LNP 则可显著提升细胞中的 mRNA 递送效率。

Related Products / Keywords

- F-L319Liposomereporter proteinmiceDC2.4 cellsspleenC57BL/6 miceRAW264.7 cellslipid nanoparticleszeta potentialmRNAcellular uptakeInhibitorinhibitorinhibit

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