

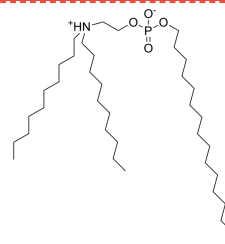
10A1P16

Cat. No.: SN-M-LE751

Chemical Properties

Product Name	10A1P16
Cat. No.	SN-M-LE751
CAS No.	2760467-77-2
Molecular Formula	C38H80NO4P
Molecular Weight	646.02
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

10A1P16 是一种由叔胺、磷酸基团和三条疏水尾链组成的可电离磷脂。10A1P16 可作为具有脾脏选择性的 RNA 递送载体，在体内成功转染约 30% 的脾脏巨噬细胞和 6% 的脾脏 B 细胞。10A1P16 可用于制备出具有脾脏选择性的 10A1P16-MDOA 脂质纳米粒，在小鼠模型中有效介导 mRNA 递送与基因编辑。该递送系统能够保持对脾脏的靶向 mRNA 递送效力，可用于卵巢癌的研究。

Related Products / Keywords

- 10A1P162760467-77-2LiposomeIGROV-1 ovarian cancer cells mice Ai9 reporter mice splenic macrophages splenic B cells wild-type mice C57BL/6 mic lipid nanoparticles mRNA delivery gene editing Inhibitor inhibitor inhibit

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