N-Methyldioctadecylamine

Cat. No.: **SN-M-LE7840**

Chemical Properties

Product Name	N-Methyldioctadecylamine
Full Name	N-methyl-N-octadecyloctadecan-1-amine
Cat. No.	SN-M-LE7840
CAS No.	4088-22-6
Molecular Formula	C37H77N
Molecular Weight	536.01
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

N-Methyldioctadecylamine (Dioctadecylmethylamine; MDOA) 是一种表面活性剂和一种可电离阳离子辅助脂质，可用于脂质纳米粒的制备。N-Methyldioctadecylamine 在可电离脂质纳米粒 (iPLNPs) 中与 iPhos 9A1P9 (HY-W590683) 联合使用时，可实现肝脏的选择性 mRNA 表达。N-Methyldioctadecylamine 支持针对 iPhos 脂质的初始体外和体内 mRNA 递送筛选。

Related Products / Keywords

- N-Methyldioctadecylamine4088-22-6DioctadecylmethylamineMDOAN
- N-双十八烷基甲胺Liposomelivermicrofluidic formulationiPhos lipidsmacrophagesspleenB cellsionizable lipid nanoparticleslipid nanoparticle-mediated mRNA deliveryIGROV-1 ovarian cancer cellsCRISPR/Cas gene editingInhibitorinhibitorinhibit

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