

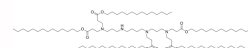
Lipid 114

Cat. No.: SN-M-LE900

Chemical Properties

Product Name	Lipid 114
Full Name	tetradecyl 3-[3-[bis(3-oxo-3-tetradecoxypropyl)amino]propyl-[4-[3-[bis(3-oxo-3-tetradecoxypropyl)amino]propylamino]butyl]amino]propanoate
Cat. No.	SN-M-LE900
Molecular Formula	C95H186N4O10
Molecular Weight	1544.51
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

Lipid 114 是一种可电离的阳离子脂质, pKa 约为 6.8。Lipid 114 可用于生成脂质纳米颗粒 (LNP), 用于在体内和体外递送 siRNA。包裹靶向 IL-1 β 的 siRNA 的脂质 114 LNP 可以降低巨噬细胞中 IL-1 β 的表达。包裹靶向 IL-1 β 的 siRNA 的脂质 114 LNP 还可以降低肝脏和肾脏中 IL-1 β 的表达, 并减轻 LPS 诱发的急性肝衰竭小鼠模型中的肝脏炎症。

Related Products / Keywords

- Lipid 114Lipid114Lipid-114LiposomeInhibitorinhibitorinhibit

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