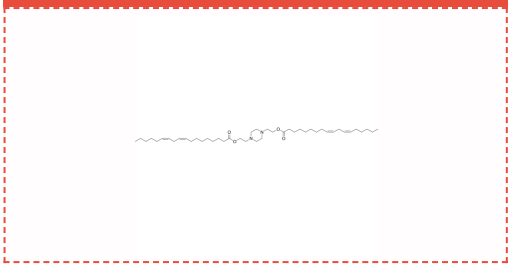
AA3-DLin

Cat. No.: **SN-M-LE700**

Chemical Properties

Product Name	AA3-DLin
Full Name	2-[4-[2-[(9E,12E)-octadeca-9,12-dienoyl]oxyethyl]piperazin-1-yl]ethyl (9E,12E)-octadeca-9,12-dienoate
Cat. No.	SN-M-LE700
CAS No.	3027565-91-6
Molecular Formula	C44H78N2O4
Molecular Weight	699.10
Appearance	液体
Storage	Solution, -20°C, 2 years
Shipping	Room temperature in continental US; may vary elsewhere.
Purity	98+%

Structure



Biological Description

AA3-DLin是一种可离子化的阳离子脂质，其 pKa 值为5.8。AA3-DLin用于将 mRNA 与脂质纳米粒子 (LNPs) 结合进行递送。AA3-DLin LNP COVID-19 疫苗包裹了 SARS-CoV-2 刺突蛋白 mRNAs，在 BALB/c 小鼠模型中成功诱导出强大的免疫原性。

Related Products / Keywords

- AA3-DLin3027565-91-6Biochemical Assay Reagentslung cancertype 2 diabetesbreast cancermRNA delivery platformmelanomaischemic strokesteroid-resistant asthmacovid-19ionizable cationic lipidendosomal escapeInhibitorinhibitorinhibit

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