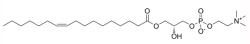
17:1 Lyso PC

Cat. No.: **SN-M-LE725**

Chemical Properties

Product Name	17:1 Lyso PC
Full Name	[(2R)-3-[(Z)-heptadec-10-enoyl]oxy-2-hydroxypropyl] 2-(trimethylazaniumyl)ethyl phosphate
Cat. No.	SN-M-LE725
CAS No.	1246304-62-0
Molecular Formula	C25H50NO7P
Molecular Weight	507.64
Appearance	固液混合物
Storage	Pure form -20°C 3 years
Shipping	Room temperature in continental US; may vary elsewhere.
Solubility	细胞实验： | DMSO 中的溶解度 : 100 mg/mL (196.99 mM; 超声助溶; 吸湿的 DMSO 对产品的溶解度有显著影响，请使用新开封的 DMSO)
Purity	98+%

Structure



Biological Description

17:1 Lyso PC 是一种能够模拟生物磷脂膜脂质体 (liposome)。脂质体是具有同心磷脂双层膜囊泡的主要成分，可以构建出用于抗癌和抗感染领域的药物递送系统。高极性的水溶性载荷可以被捕获在脂质体的内部水性空间中，而亲脂性载荷可以分配到脂质双层中并成为脂质双层的一部分。特别是用于递送反义寡核苷酸，能够克服细胞摄取低效和体内流失快等问题。

Related Products / Keywords

- 17:1 Lyso PC1246304-62-0LiposomeBiological phospholipid membraneconcentric phospholipid bilayer membraneanticanceranti-infectiondrug delivery systemwater-soluble drugslipophilic drugsantisense oligonucleotidescellular uptakeInhibitorinhibitorinhibit

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