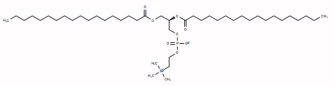
1,2-Distearoyl-sn-glycero-3-phosphorylcholine

Cat. No.: **SN-M-LM510**

Chemical Properties

Product Name	1,2-Distearoyl-sn-glycero-3-phosphorylcholine
Full Name	[(2R)-2,3-di(octadecanoyloxy)propyl] 2-(trimethylazaniumyl)ethyl phosphate
Cat. No.	SN-M-LM510
CAS No.	816-94-4
Molecular Formula	C44H88NO8P
Molecular Weight	790.15
Appearance	Solid
Storage	Store at low temperature
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	Ethanol: 4 mg/mL (5.06 mM), Sonication and heating are recommended.
Purity	98+%

Structure



Biological Description

1,2-Distearoyl-sn-glycero-3-phosphorylcholine (L-ALPHA-PHOSPHATIDYLCHOLINE, DISTEAROYL) is a cylindrical-shaped lipid used to synthesize liposomes. 1,2-Distearoyl-sn-glycero-3-phosphorylcholine (L-ALPHA-PHOSPHATIDYLCHOLINE, DISTEAROYL) is the lipid component in the lipid nanoparticle (LNP) system.

Related Products / Keywords

- nanoparticle
- L-α-PHOSPHATIDYLCHOLINE
- DISTEAROYL
- liposomes
- lipid
- L-a-PHOSPHATIDYLCHOLINE
- DISTEAROYL
- Inhibitor

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