

Product datasheet

1,2-Dimyristoyl-sn-glycero-3-phosphorylcholine (DMPC), Phosphatidylcholine ab143946

1 Image

Overview

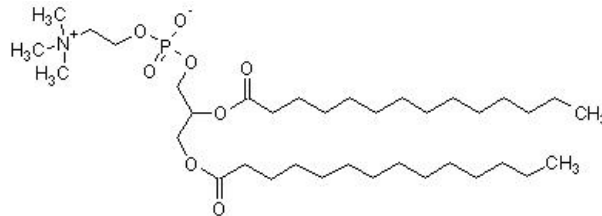
Product name	1,2-Dimyristoyl-sn-glycero-3-phosphorylcholine (DMPC), Phosphatidylcholine
Description	Phosphatidylcholine containing myristoyl groups
Biological description	Phosphatidylcholine containing myristoyl groups. For use in lipid bilayer studies and in biological systems.

[See similar compounds](#)

Purity > 98%

CAS Number 18194-24-6

Chemical structure



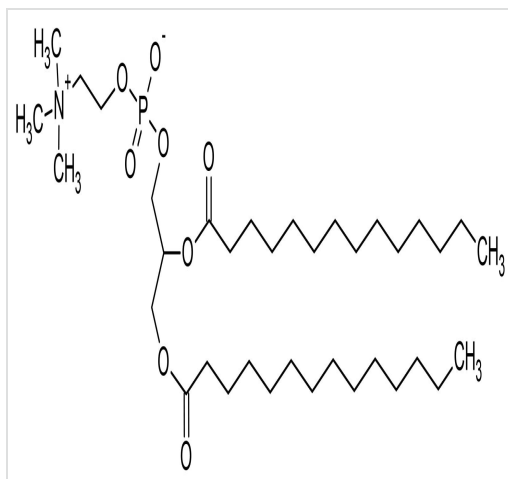
Properties

Chemical name	2,3-Di(tetradecanoyloxy)propyl 2-(trimethylazaniumyl)ethyl phosphate
Molecular weight	677.94
Molecular formula	C ₃₆ H ₇₂ NO ₈ P
PubChem identifier	26197
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES CCCCCCCCCCCC(=O)OCC(COP(=O)([O-])OCC[N+](C)(C)C)OC(=O)CCCCCCCCCCCC

Source Synthetic

Images



Chemical Structure - 1,2-Dimyristoyl-sn-glycero-3-phosphorylcholine (DMPC), Phosphatidylcholine (ab143946)

2D chemical structure image of ab143946, 1,2-Dimyristoyl-sn-glycero-3-phosphorylcholine (DMPC), Phosphatidylcholine

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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