

Product datasheet

1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphorylcholine (POPC), Zwitterionic phospholipid ab143958

1 Image

Overview

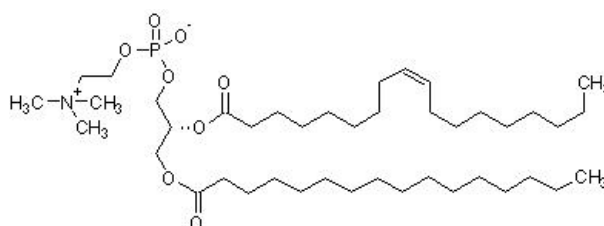
Product name	1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphorylcholine (POPC), Zwitterionic phospholipid
Description	Zwitterionic phospholipid
Biological description	Zwitterionic phospholipid. For use in lipid bilayer studies and biological systems.

[See similar compound](#)

Purity > 98%

CAS Number 26853-31-6

Chemical structure



Properties

Chemical name	[(2 <i>R</i>)-3-Hexadecanoyloxy-2-[(<i>Z</i>)-octadec-9-enoyl]oxypropyl] 2-(trimethylazaniumyl)ethyl phosphate
Molecular weight	760.09
Molecular formula	C ₄₂ H ₈₂ NO ₈ P
PubChem identifier	5497103

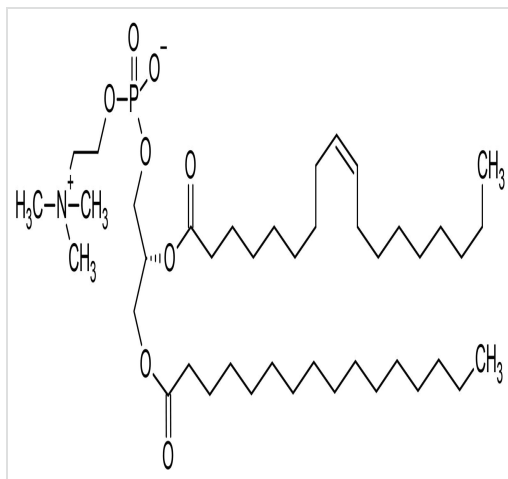
Storage instructions Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

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	<chem>CCCCCCCCCCCCCCCC(=O)OC[C@H](COP(=O)([O-])OCC[N+](C)(C)C)OC(=O)CCCCCCC/C=C\CCCCCCCC</chem>
Source	Synthetic

Images



Chemical Structure - 1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphorylcholine (POPC), Zwitterionic phospholipid (ab143958)

2D chemical structure image of ab143958, 1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphorylcholine (POPC), Zwitterionic phospholipid

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

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