

Product datasheet

1,2-Dipalmitoyl-sn-glycero-3-phosphorylcholine (DPPC), Phosphatidylcholine ab143947

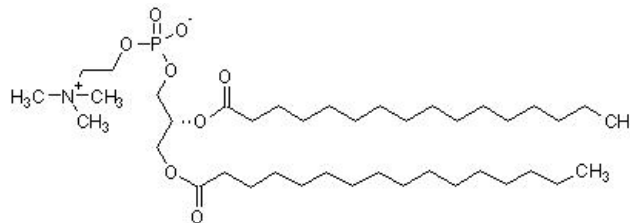
1 Image

Overview

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

See similar compounds

Purity	> 98%
CAS Number	63-89-8
Chemical structure	



Properties

Chemical name	[(2 <i>R</i>)-2,3-Di(hexadecanoyloxy)propyl] 2-(trimethylazaniumyl)ethyl phosphate
Molecular weight	734.05
Molecular formula	C ₄₀ H ₈₀ NO ₈ P
PubChem identifier	452110
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.

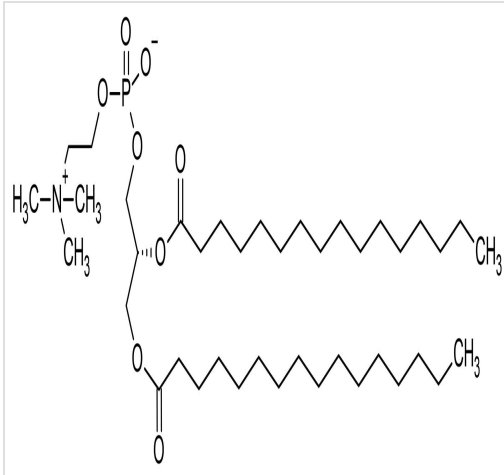
SMILES

CCCCCCCCCCCCCCCC(=O)OC[C@H](COP(=O)([O-])OCC[N+](C)(C)C)OC(=O)CCCCCCCCCCCCCCC

Source

Synthetic

Images



2D chemical structure image of ab143947, 1,2-Dipalmitoyl-sn-glycero-3-phosphorylcholine (DPPC), Phosphatidylcholine

Chemical Structure - 1,2-Dipalmitoyl-sn-glycero-3-phosphorylcholine (DPPC), Phosphatidylcholine (ab143947)

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

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