

Product datasheet

1,2-Dipalmitoyl-sn-glycero-3-phosphorylethanolamine (DPPE), Phospholipid component ab143956

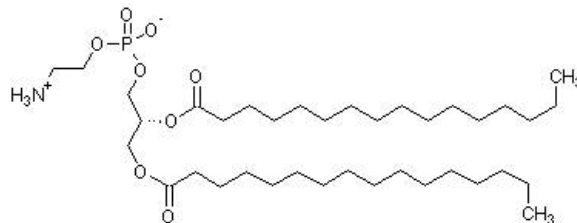
[1 Image](#)

Overview

Product name	1,2-Dipalmitoyl-sn-glycero-3-phosphorylethanolamine (DPPE), Phospholipid component
Description	Phospholipid component in cell membranes
Biological description	Phospholipid component in cell membranes. For use in lipid bilayer studies and biological systems.

See similar compounds

Purity	> 98%
CAS Number	923-61-5
Chemical structure	



Properties

Chemical name	[(2 <i>R</i>)-3-[2-Aminoethoxy(hydroxy)phosphoryl]oxy-2-hexadecanoyloxypropyl] hexadecanoate
Molecular weight	691.97
Molecular formula	C ₃₇ H ₇₄ NO ₈ P
PubChem identifier	445468
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.

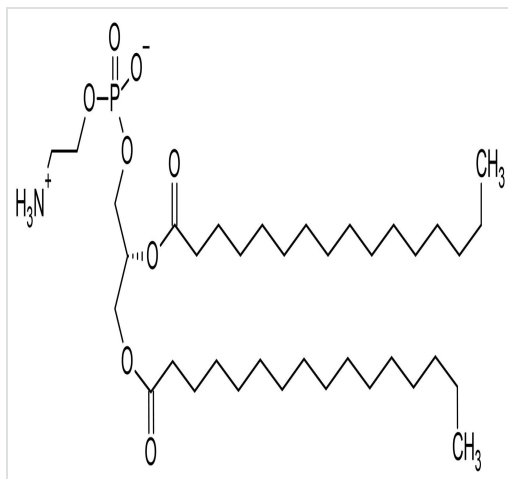
SMILES

CCCCCCCCCCCCCCCC(=O)OC[C@H](COP(=O)(O)OCCN)OC(=O)CCCCCCCCCCCCCCC

Source

Synthetic

Images



2D chemical structure image of ab143956, 1,2-Dipalmitoyl-sn-glycero-3-phosphorylethanolamine (DPPE), Phospholipid component

Chemical Structure - 1,2-Dipalmitoyl-sn-glycero-3-phosphorylethanolamine (DPPE), Phospholipid component (ab143956)

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

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