

Product datasheet

1,2-Dilauroyl-sn-glycero-3-phosphorylethanolamine (DLPE), Phospholipid acylated ab143962

[1 Image](#)

Overview

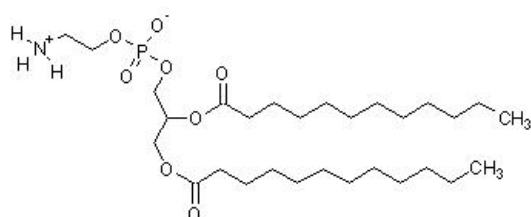
Product name	1,2-Dilauroyl-sn-glycero-3-phosphorylethanolamine (DLPE), Phospholipid acylated
Description	Phospholipid acylated with lauric acid
Biological description	Phospholipid acylated with lauric acid. For use in lipid bilayer studies and biological systems.

See similar compounds

Purity > 98%

CAS Number 42436-56-6

Chemical structure

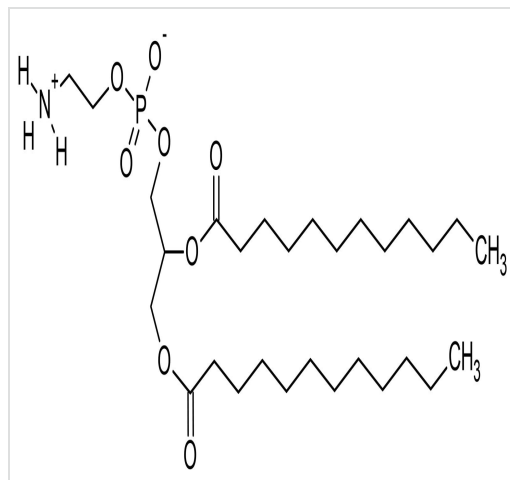


Properties

Chemical name	[3-[2-Aminoethoxy(hydroxy)phosphoryl]oxy-2-dodecanoyloxypropyl] dodecanoate
Molecular weight	579.75
Molecular formula	C ₂₉ H ₅₈ NO ₈ P
PubChem identifier	108390
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILESCCCCCCCCCCCCC(=O)OCC(COP(=O)(O)OCCN)OC(=O)CCCCCCCCCCCC**Source**

Synthetic

Images

2D chemical structure image of ab143962, 1,2-Dilauroyl-sn-glycero-3-phosphorylethanolamine (DLPE), Phospholipid acylated

Chemical Structure - 1,2-Dilauroyl-sn-glycero-3-phosphorylethanolamine (DLPE), Phospholipid acylated (ab143962)

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