

Product datasheet

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

Overview

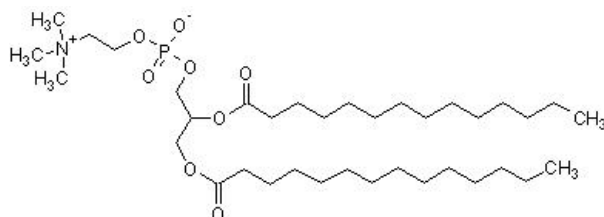
<b>Product name</b>	1,2-Dimyristoyl-sn-glycero-3-phosphorylcholine (DMPC), Phosphatidylcholine
<b>Description</b>	Phosphatidylcholine containing myristoyl groups
<b>Biological description</b>	Phosphatidylcholine containing myristoyl groups. For use in lipid bilayer studies and in biological systems.

[See similar compounds](#)

**Purity** > 98%

**CAS Number** 18194-24-6

**Chemical structure**



Properties

<b>Chemical name</b>	2,3-Di(tetradecanoyloxy)propyl 2-(trimethylazaniumyl)ethyl phosphate
<b>Molecular weight</b>	677.94
<b>Molecular formula</b>	C <sub>36</sub> H <sub>72</sub> NO <sub>8</sub> P
<b>PubChem identifier</b>	26197
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Handling</b>	<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 <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

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

**Source**

Synthetic

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

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