

Product datasheet

1,2-Dimyristoyl-sn-glycero-3-phosphorylglycerol sodium salt (DMPG), Phosphatidylglycerol ab143952

1 Image

Overview

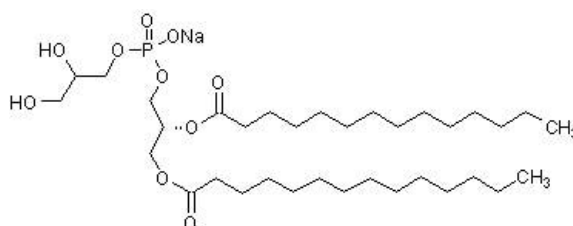
Product name	1,2-Dimyristoyl-sn-glycero-3-phosphorylglycerol sodium salt (DMPG), Phosphatidylglycerol
Description	Phosphatidylglycerol
Biological description	Phosphatidylglycerol. For use in lipid bilayer studies and biological systems.

[See similar compounds](#)

Purity > 98%

CAS Number 200880-40-6

Chemical structure



Properties

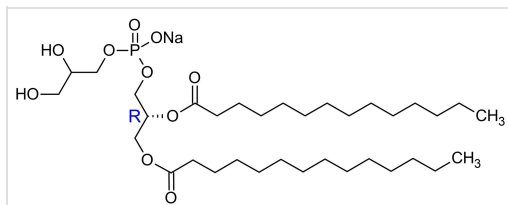
Chemical name	2,3-Dihydroxypropyl [(2 <i>R</i>)-2,3-di(tetradecanoyloxy)propyl] phosphate sodium salt
Molecular weight	688.85
Molecular formula	C ₃₄ H ₆₆ NaO ₁₀ P
PubChem identifier	46891824
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 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>CCCCCCCCCCCCC(=O)OC[C@H](COP(=O)([O-])OCC(CO)O)OC(=O)CCCCCCCCCCCC.[Na+]</chem>
Source	Synthetic

Images



2D chemical structure image of ab143952, 1,2-Dimyristoyl-sn-glycero-3-phosphorylglycerol sodium salt (DMPG), Phosphatidylglycerol

Chemical Structure - 1,2-Dimyristoyl-sn-glycero-3-phosphorylglycerol sodium salt (DMPG), Phosphatidylglycerol (ab143952)

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

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