

## Product datasheet

# 1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphorylglycerol sodium salt, Phosphatidylglycerol component ab143959

1 Image

### Overview

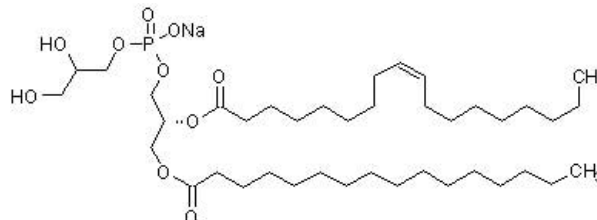
<b>Product name</b>	1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphorylglycerol sodium salt, Phosphatidylglycerol component
<b>Description</b>	Phosphatidylglycerol component of bacterial membranes
<b>Biological description</b>	Phosphatidylglycerol component of bacterial membranes. For use in vesicle aggregation assays, lipid/liposome studies and as standard.

#### See similar compound

**Purity** > 98%

**CAS Number** 202070-86-8

**Chemical structure**



### Properties

<b>Chemical name</b>	2,3-Dihydroxypropyl [(2 <i>R</i> )-3-hexadecanoyloxy-2-[( <i>Z</i> )-octadec-9-enoyl]oxypropyl] phosphate sodium salt
<b>Molecular weight</b>	771.00
<b>Molecular formula</b>	C <sub>40</sub> H <sub>76</sub> NaO <sub>10</sub> P
<b>PubChem identifier</b>	46891828
<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>	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.

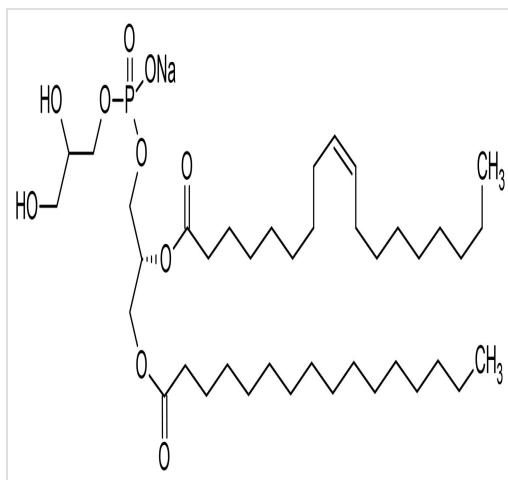
#### SMILES

```
CCCCCCCCCCCCCCCC(=O)OC[C@H](COP(=O)([O-])OCC(CO)O)OC(=O)CCCCCCC/C=C\CCCCCCCC.[Na+]
```

#### Source

Synthetic

#### Images



2D chemical structure image of ab143959, 1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphorylglycerol sodium salt, Phosphatidylglycerol component

Chemical Structure - 1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphorylglycerol sodium salt, Phosphatidylglycerol component (ab143959)

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

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