

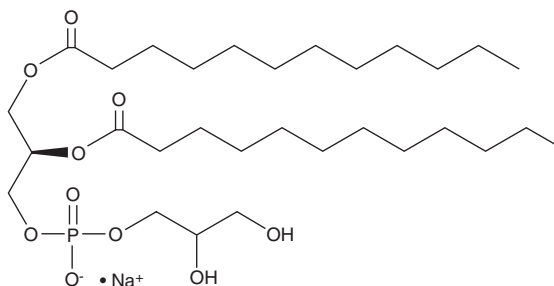
# PRODUCT INFORMATION



## 1,2-Dilauroyl-*sn*-glycero-3-PG (sodium salt)

Item No. 15084

**CAS Registry No.:** 322647-27-8  
**Formal Name:** 1,2-dilauroyl-*sn*-glycero-3-phospho-*sn*-glycerol, monosodium salt  
**Synonyms:** 1,2-Dilauroyl-*sn*-glycero-3-phospho-*sn*-glycerol, DLPG  
**MF:** C<sub>30</sub>H<sub>58</sub>O<sub>10</sub>P • Na  
**FW:** 632.8  
**Purity:** ≥95%  
**Supplied as:** A crystalline solid  
**Storage:** -20°C  
**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

1,2-Dilauroyl-*sn*-glycero-3-PG (DLPG) (sodium salt) is supplied as a crystalline solid. A stock solution may be made by dissolving the DLPG (sodium salt) in the solvent of choice. DLPG (sodium salt) is soluble in the organic solvent chloroform, which should be purged with an inert gas, at a concentration of approximately 2 mg/ml.

### Description

DLPG is a phospholipid containing 12:0 fatty acids at the *sn*-1 and *sn*-2 positions. This short chain phosphatidylglycerol exhibits excellent surfactant properties and may be useful for various applications.<sup>1</sup>

### References

1. Weschayanwivat, P., Scamehorn, J.F., and Reilly, P.J. Surfactant properties of low molecular weight phospholipids. *J. Surfactants Deterg.* **8(1)**, 65-72 (2005).

**WARNING**  
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

**SAFETY DATA**  
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

**WARRANTY AND LIMITATION OF REMEDY**  
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