

# Chem-Impex International, Inc.

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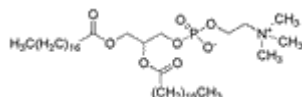
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

## Product Specifications



**Catalogue Number** 10927

**Product** **1,2-Distearoyl-*rac*-glycero-3-phosphocholine**

DL- $\beta,\gamma$ -Distearoyl- $\alpha$ -lecithin

**CAS Number** 816-93-3

**Molecular Formula** C<sub>44</sub>H<sub>88</sub>NO<sub>8</sub>P

**Molecular Weight** 790.16

**Appearance** White powder

**Solubility** Clear, colorless solution (50 mg/mL in Chloroform)

**Elemental Analysis (Theory)** C = 66  $\pm$  1%; H = 11  $\pm$  1%; N = 1  $\pm$  1%

**Water Content (Karl Fisher)**  $\leq$  1%

**TLC System** Chloroform/methanol/acetic acid/water (70/42/0.5/10)  
Chloroform/methanol/acetic acid 32% (5/3/1)  
Chloroform/Methanol/water (65:30:3)  
Plate: silicagel 60 F<sub>254</sub>  
Detected by: UV, Iodo, ammoniummolybdate, rhodamine B

**Assay**  $\geq$  99% (Cth : 66.88% Elemental analysis)

**Purity by TLC**  $\geq$  99%

**ESI-MS** m = 790  $\pm$  1 u

**Storage** Store at 0 - 8 °C

**For Laboratory Use Only**