

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

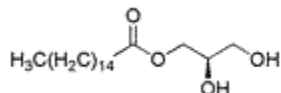
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 10614

Product **3-Palmitoyl-*sn*-glycerol**

L- α -Palmitin

(*R*)-Glycerol 1-palmitate

CAS Number 5309-46-6

Molecular Formula $\text{C}_{19}\text{H}_{38}\text{O}_4$

Molecular Weight 330.51

Appearance White powder

Solubility Clear, colorless solution (50mg/ml in chloroform)

Elemental Analysis (Theory) C=69.1%; H=11.6%

Water Content (Karl Fisher) $\leq 0.5\%$

TLC System Chloroform/methanol/acetic acid 90/8/2
Chloroform/methanol 9/1
plate: silicagel 60 F₂₅₄
detected by: UV, ammoniummolybdate, Rhodamin B

Optical Rotation $[\alpha]_{365}^{24} = -10 \pm 2^\circ$ (C=7.5 in pyridine)

Assay $\geq 100\%$ (Cth 69.05% by Elemental analysis)

Purity by TLC $\geq 98\%$

Storage Store at 0-8°C

For Laboratory Use Only