

1-Palmitoyl-sn-glycero-3-phosphocholine

Cat. No. PSGPG-001

Lot. No. (See product label)

Introduction

Description

This analytical reference material contains 1-Palmitoyl-sn-glycero-3-phosphocholine, an abundant lysophosphatidylcholine with reported proinflammatory activity.

Applications

Qualitative and quantitative analysis; analytical method development using HPLC, GC, and MS; atherosclerosis-related research.

Synonyms

16:0 Lyso PC (Standard)

Product Information

CAS No.

17364-16-8

Molecular Formula

C₂₄H₅₀NO₇P

Chemical Name

1-Palmitoyl-sn-glycero-3-phosphocholine

Molecular Weight

495.63

Purity

98%

Structure

Lysophosphatidylcholine SMILES: CCCCCCCCCCCCCCCC(OC[C@H](O)COP(OCC[N+](C)(C)C)([O-])=O)=O

Function

Lysophosphatidylcholine with reported proinflammatory activity.

Grade

Analytical standard

Usage and Packaging

Package

5 mg 10 mg 25 mg 50 mg 100 mg 200 mg 500 mg

Storage and Shipping Information

Storage

Store under the recommended conditions specified in the applicable Certificate of Analysis.

Shipping Conditions

Room temperature.