Creative Enzymes®

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	$C_{24}H_{50}NO_7P$
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.