



1. Identification

Catalogue Number

D493605

Lot Number

712234513-2-1

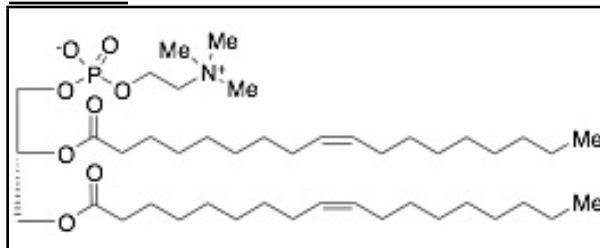
Product Name

1,2-Dioleoyl-sn-glycero-3-phosphocholine

Synonyms

3,5,9-Trioxa-4-phosphaheptacos-18-en-1-aminium, 4-hydroxy-N,N,N-trimethyl-10-oxo-7-[(1-oxo-9-octadecenyl)oxy]-, hydroxide,

Structure



CAS Number

4235-95-4

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₄₄H₈₄NO₈P

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic, Light sensitive

Molecular Weight

786.11

Purity

>95%

2. Warnings

Hygroscopic, Light Sensitive

3. Analytical Information

Tests	Specifications	Results
Appearance	White to Off-White Semi-Solid to Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 66.36, %H: 10.43, %N: 1.78
HPLC Purity	>95%	99.29% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+4.4° (c = 0.2, Chloroform)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
			5/27/2025	5/25/2029
Farnaz Mahmoudi	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		