

**1. Identification**Catalogue Number

D493605

Lot Number

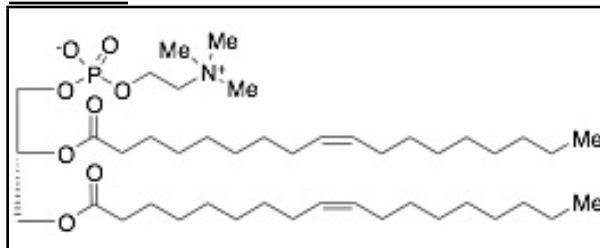
712282596-1-1

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,

StructureCAS Number

4235-95-4

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₄₄H₈₄NO₈PSource of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

786.11

Purity

>95%

2. Warnings

Hygroscopic, Light Sensitive

3. Analytical InformationTests

Appearance

Specifications

White to Off-White Semi-Solid to Solid

Results

White to Off-White Sticky Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 65.70, %H: 10.66, %N: 1.75

HPLC Purity

>95%

98.71% (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. SignaturesReviewed by

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Nicole Badiali

Quality Assurance Associate

Test Date

8/21/2025

Retest Date

8/19/2029