

## 1. Identification

Catalogue Number

P157350

Lot Number

25-DPP-152-4

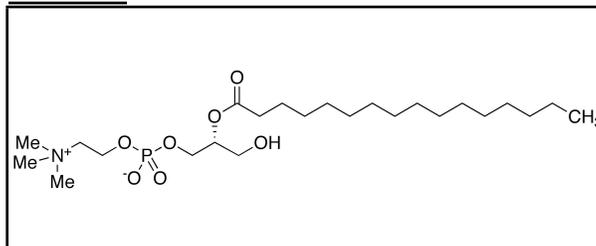
Product Name

2-Palmitoyl-sn-glycero-3-phosphocholine

Synonyms

(7R)-4-Hydroxy-7-(hydroxymethyl)-N,N,N-trimethyl-9-oxo-3,5,8-trioxa-4-phosphatetracosan-1-aminium 4-Oxide;

Structure



CAS Number

66757-27-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Dry Ice

Molecular Formula

C<sub>24</sub>H<sub>50</sub>NO<sub>7</sub>P

Source of Product

Synthetic

Long Term Storage Conditions

-86°C, Hygroscopic

Molecular Weight

495.64

Purity

>95%

## 2. Warnings

Hygroscopic, Temperature Sensitive

## 3. Analytical Information

Tests

Specifications

Results

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Yellow Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 56.40, %H: 9.83, %N: 2.70
HPLC Purity	>95%	99.28% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+3.9° (c = 0.1, Methanol)

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			10/9/2024	10/7/2028
Nicole Yip Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Quality Assurance Associate		