



CERTIFICATE OF ANALYSIS

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1. Identification

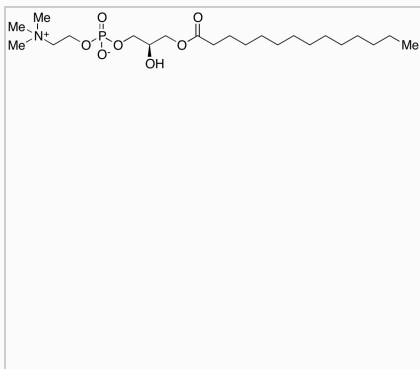
Catalogue Number: M885010

CAS Number: 20559-16-4

Product: 1-Myristoyl-sn-glycero-3-phosphocholine

Synonym: (7R)-,7-Dihydroxy-N,N,N-trimethyl-10-oxo-3,5,9-trioxa-4-phosphatricosan-1-aminium Inner salt 4-Oxide; (R)-,7-Dihydroxy-N,N,N-trimethyl-10-oxo-3,5,9-trioxa-4-phosphatricosan-1-aminium Inner salt 4-Oxide; 1-Myristoyl-2-hydroxy-sn-glycero-3-phosphocholine; 1-Myristoyl-L- α -phosphorylcholine; 1-Myristoyl-sn-glycero-3-phosphatidylcholine; 1-Myristoyl-sn-glycero-3-phosphocholine; 1-Tetradecanoyl-sn-glycero-3-phosphorylcholine; Coatsome MC 40H; L- α -Myristoyllysophosphatidylcholine; M-LysoPC; Myristoyl

Structure:



Molecular Formula:

C₂₂H₄₆NO₇P

Molecular weight:

467.58

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 4-ARD-31-5

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.16% (ELSD)
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 56.08, %H: 9.89, %N: 2.91
P NMR	Conforms to Structure	Conforms

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 $\pm 2\%$. 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

Nicole Yip



Reviewed By

Toni Rantanen



**C of A Approved
By**

Rami Dhanoa



Test Date

1/2/2024

Retest Date

12/31/2027