



CERTIFICATE OF ANALYSIS

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1. Identification

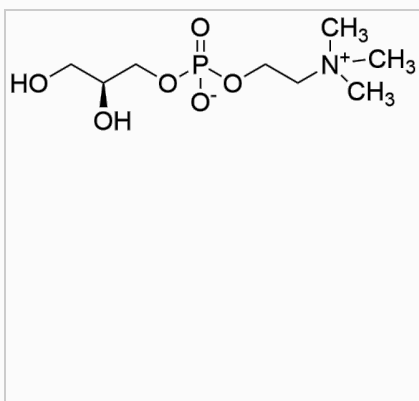
Catalogue Number: G598700

CAS Number: 28319-77-9

Synonym: 2-[[[(2R)-2,3-Dihydroxypropoxy]hydroxyphosphinyl]oxy]-N,N,N-trimethylethanaminium Inner Salt; Brezal; Cereton; Cholicerin; Choline Alfoscerate; Cholitiline; Delect; Glycerylphosphocholine; Glycerylphosphorylcholine; L-α-GPC; L-α-Glycerophosphocholine; L-α-Glycerophosphorylcholine; L-α-Glycerylphosphorylcholine; O-(sn-glycero-3-Phosphoryl)choline; Sn-Glycerophosphocholine; sn-Glycero-3-phosphorylcholine; sn-glycero-3-phosphocholine; α-Glycerophosphorylcholine; α-Glycerylphosphorylcholine;

Product: sn-Glycero-3-phosphocholine

Structure:



Molecular Formula:

C₈H₂₀NO₆P

Molecular weight:

257.22

Source of Product:

N/A

Solubility:

DMSO (Slightly, Heated, Sonicated), Methanol (Sparingly), Water (Sparingly)

Lot Number: 16-VIJ-96-1

Purity: 98%

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

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 Solid
Water Content	Report Result	3.3% by Karl Fischer
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 36.17, %H: 7.97, %N: 5.26
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-2.6° (c = 1.0, Water)

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	11/10/2021	11/8/2025

