

1. Identification

Catalogue Number

G598700

Lot Number

21-JPO-59-1

Product Name

sn-Glycero-3-phosphocholine

Synonyms

2-[[[(2R)-2,3-Dihydroxypropoxy]hydroxyphosphinyl]oxy]-N,N,N-trimethylethanaminium Inner Salt; Brezal; Cereton; Cholicerin; Choline Alfoscerate; Cholitaline; Delecit; Glycerylphosphocholine; Glycerylphosphorylcholine; L-α-GPC; L-α-Glycerophosphocholine; L-α-Glycerophosphorylcholine; L-α-Glycerophosphorylcholine; O-(sn-glycero-3-Phosphoryl)choline; Sn-Glycerophosphocholine; sn-

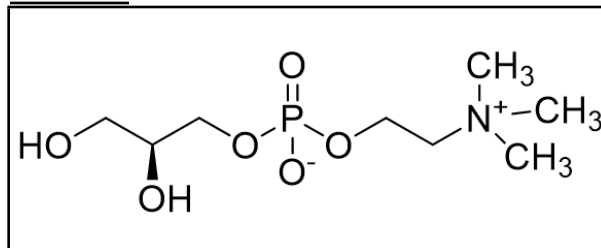
CAS Number

28319-77-9

Solubility

Methanol (Sparingly), Water (Sparingly)

Structure



Shipping Condition

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

Molecular Formula

C₈H₂₀NO₆P

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

257.22

Purity

>95%

2. Warnings

Very Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 34.61, %H: 7.60, %N: 5.06

HPLC Purity

>95%

100.00% (ELSD)

MS

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 ± 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



Vijaya Annapareddy

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

11/5/2024

Retest Date

11/3/2028