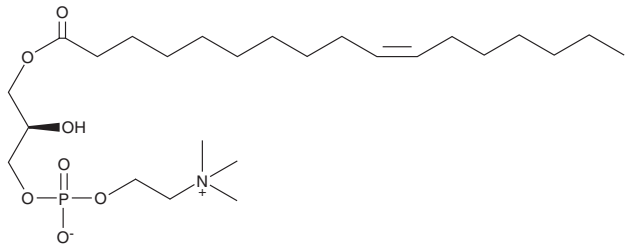
PRODUCT INFORMATION

1-10(Z)-Heptadecenoyl-2-hydroxy-*sn*-glycero-3-PC

Item No. 45593

CAS Registry No.: 1246304-62-0
Formal Name: (7R,19Z)-4,7-dihydroxy-N,N,N-trimethyl-10-oxo-3,5,9-trioxa-4-phosphahexacos-19-en-1-aminium, inner salt, 4-oxide
Synonyms: 1-(10(Z)-Heptadecenoyl)-2-hydroxy Phosphatidylcholine, 17:1 Lyso-PC, LPC(17:1(10Z)), PC(17:1/0:0), PC(17:1(10Z)/0:0), PtdCho-(1-(10(Z)-heptadecenoyl), 2-hydroxy)
MF: $C_{25}H_{50}NO_7P$
FW: 507.6
Purity: ≥98% (9:1 mixture of 1-acyl and 2-acyl)
Supplied as: A 10 mg/ml solution in ethanol
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

1-(10(Z)-Heptadecenoyl)-2-hydroxy-*sn*-glycero-3-phosphocholine is a lysophospholipid. It has been found on the surface of wild potato leaves and in avocado seed extracts.[1,2]

References

1. Gorzolka, K., Perino, E.H.B., Lederer, S., *et al.* Lysophosphatidylcholine 17:1 from the leaf surface of the wild potato species *Solanum bulbocastanum* inhibits *Phytophthora infestans*. *J. Agric. Food Chem.* **69(20),** 5607-5617 (2021).
2. Sanchez-Rosario, R., Castillo, L., Féliz-Jiménez, A., *et al.* Characterization of avocado (*Persea americana* Mill) seed extract from the variety Semil 34 cultivated in the Dominican Republic. *Appl. Sci.* **15(2),** 922 (2025).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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