

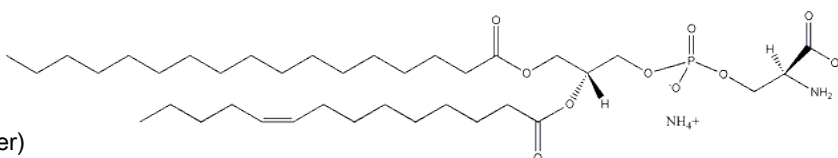
1-heptadecanoyl-2-(9Z-tetradecenoyl)-sn-glycero-3-phospho-L-serine (ammonium salt)

17:0-14:1 PS

LIPIDMAPS™ Compound ID: LMGP03010006



Molecular Weight: 736.957
 Exact Mass: 736.500
 Molecular Formula: C₃₇H₇₃N₂O₁₀P
 Storage: -20° C (Freezer)
 Manufacture Date: November 18, 2019
 Expiration Date: One year from date of receipt
 Physical Form: Methanol Solution (1ml per vial)
 Concentration: 9.95 µg/ml (13.82 µM)
 Lot Number: LM1304-LM17-059B
 MLOT: 6417WAB059



Certificate of Analysis

Test	Limits	Result
Mass Spec	Consistent with Structure, [M-NH ₄ +2H] ⁺ = 720.5 ± 1amu	Pass
Quantitative LC/MS	Run and Report	9.95 µg/ml 13.82 µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
GC-FAME	NLT 99% AUC (17:0 + 14:1)	99.3%
Phosphorus NMR	Consistent with Structure	Pass
Proton NMR	Consistent with Structure	Pass
TLC Analysis (Mobile Phase 65:25:4 CMW)	R _f consistent with structure, NLT 99% Purity	Pass
Ninhydrin	Positive	Positive
Iodine	One Major Spot	One Spot
Phosphorus	Positive	Positive
Char	Positive	Positive
Wet Dip	One Major Spot	One Spot

Approved by:

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, AL 35007-9105, USA

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