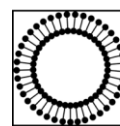
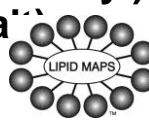


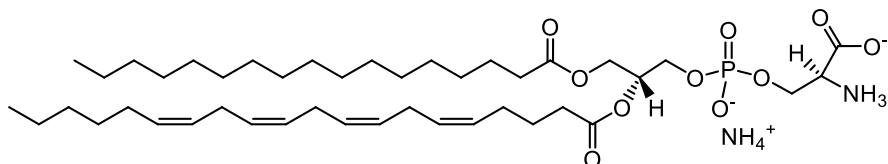
1-heptadecanoyl-2-(5Z, 8Z, 11Z, 14Z-eicosatetraenoyl)-sn-glycero-3-phospho-L-serine (ammonium salt)

17:0-20:4 PS

LIPIDMAPS™ Compound ID: LMGP03010003


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POLAR LIPIDS, INC.

Molecular Weight: 815.069
 Exact Mass: 814.547
 Molecular Formula: C₄₃H₇₉N₂O₁₀P
 Storage: -20° C (Freezer)
 Manufacture Date: November 12, 2019
 Expiration Date: One year from date of receipt
 Physical Form: Methanol Solution (1ml per vial)
 Concentration: 9.44 µg/ml (11.82 µM)
 Lot Number: LM1302-LM17-042D
 MLOT: 6416WAD042



Certificate of Analysis

Test	Limits	Result
Mass Spec	Consistent with Structure, [M-NH ₄ +2H] ⁺ = 798.5 ± 1amu [M-NH ₄] ⁻ = 796.5 ± 1amu	Pass
Quantitative LC/MS	Run and Report	9.44 µg/ml 11.82 µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
GC-FAME	NLT 99% Purity (AUC) (17:0 + 20:4)	99.9% AUC
Phosphorus NMR	Consistent with Structure	Pass
Proton NMR	Consistent with Structure	Pass
TLC Analysis (Mobile Phase 65:25:4 Chloroform:Methanol:Water)	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:

For Research Use Only. Not For Human Use.

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, AL 35007-9105, USA
 • (800) 227-0651 • (205) 663-2494 • Fax (800) 229-1004 • (205) 663-0756
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