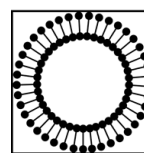
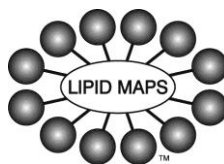


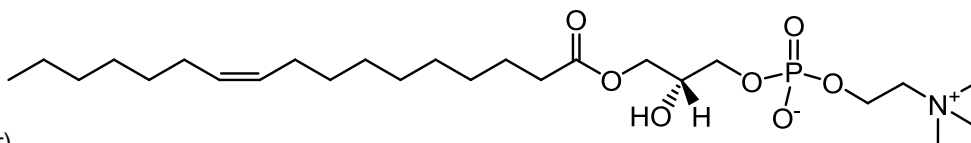
1-(10Z-heptadecenoyl)-sn-glycero-3-phosphocholine

17:1 Lyso PC

LIPIDMAPS™ Compound ID: LMGP01050002


Avanti[®]
POLAR LIPIDS, INC.

Molecular Weight: 507.641
 Exact Mass: 507.332
 Molecular Formula: C₂₅H₇₀NO₇P
 Storage: -20° C (Freezer)
 Manufacture Date: July 16, 2015
 Expiration Date: July 16, 2020 (60 months)
 Physical Form: Methanol Solution (1ml per vial)
 Concentration: 10.06 µg/ml (19.82 µM)
 Lot Number: LM-1601LM1-009E
 MLOT: 6423WAE009



Certificate of Analysis

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+H] ⁺ = 508.3 ±1amu	Pass
Quantitative LC/MS	Run and Report	10.06 µg/ml 19.82 µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
GC-FAME	NLT 99% Purity (AUC)	100% 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	Negative	Negative
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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