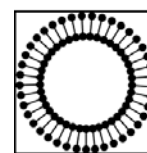
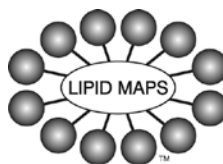


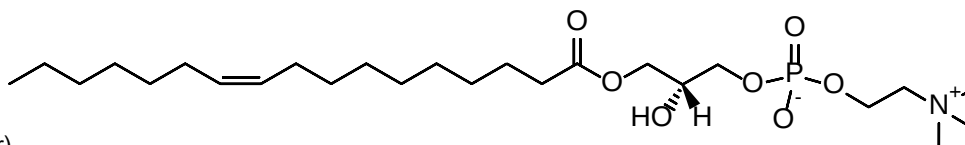
1-(10Z-heptadecenoyl)-sn-glycero-3-phosphocholine

17:1 Lyso PC

LIPIDMAPS™ Compound ID: LMGP01050002

**Avanti**
POLAR LIPIDS, INC.

Molecular Weight: 507.641
 Exact Mass: 507.332
 Molecular Formula: C₂₅H₅₀NO₇P
 Storage: -20° C (Freezer)
 Manufacture Date: April 26, 2018
 Expiration Date: One year from date of receipt
 Physical Form: Methanol Solution (1ml per vial)
 Concentration: 8.91 µg/ml (17.55 µM)
 Lot Number: LM1601-LM17-053A
 MLOT: 6423WAA053



Certificate of Analysis

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+H] ⁺ = 508.3 ±1amu	Pass
Quantitative LC/MS	Run and Report	8.91 µg/ml 17.55 µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
GC-FAME	NLT 99% Purity (AUC)	99.3% 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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