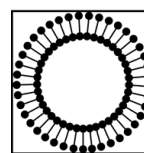
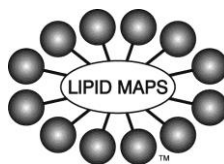


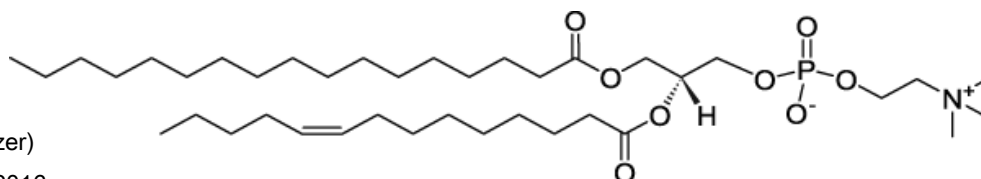
1-heptadecanoyl-2-(9Z-tetradecanoyl)-
sn-glycero-3-phosphocholine

17:0-14:1 PC

LIPIDMAPS™ Compound ID: LMGP01010008

**Avanti**[®]
POLAR LIPIDS, INC.

Molecular Weight: 717.996
 Exact Mass: 717.531
 Molecular Formula: C₃₉H₇₆NO₈P
 Storage: -20° C (Freezer)
 Manufacture Date: October 13, 2016
 Expiration Date: One year from date of receipt
 Physical Form: Methanol Solution (1ml per vial)
 Concentration: 10.38 µg/ml (14.45 µM)
 Lot Number: LM1004-LM1-054E
 MLOT: 6408WAE054



Product Specifications

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+H] ⁺ = 718.53 ±1amu	Pass
Quantitative LC/MS	Run and Report	10.38 µg/ml 14.45 µM
HPLC/ELSD	NLT 99% Purity (AUC)	99.1% AUC
GC-FAME	NLT 99% Purity (AUC) (14:1+17:0)	100% AUC
Acyl Migration by GC	NLT 90% Isomeric Purity	97.5% Isomeric Purity
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

• (800) 227-0651 • (205) 663-2494 • Fax (800) 229-1004 • (205) 663-0756

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