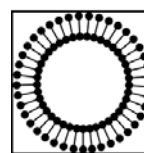
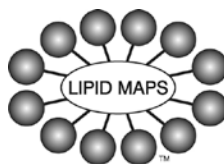


1-heptadecanoyl-2-(9Z-tetradecenoyl)-
sn-glycero-3-phospho-(1'-myo-inositol)
(ammonium salt)

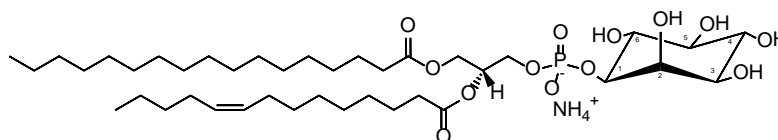
17:0-14:1 PI

LIPIDMAPS™ Compound ID: LMGP06010006



Avanti[®]
POLAR LIPIDS, INC.

Molecular Weight: 812.02
 Exact Mass: 811.521
 Molecular Formula: C₄₀H₇₈NO₁₃P
 Storage: -20° C (Freezer)
 Manufacture Date: June 8, 2018
 Expiration Date: One year from date of receipt
 Physical Form: Methanol Solution (1ml per vial)
 Concentration: 10.06 µg/ml (12.39 µM)
 Lot Number: LM1504-LM17-055A
 MLOT: 6421WAA055



Product Specifications

Test	Limits	Result
Mass Spec	Consistent with Structure, [M-NH ₄] ⁺ = 793.5 ±1amu	Pass
Quantitative LC/MS	Run and Report	10.06 µg/ml 12.39 µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
GC-FAME	NLT 99% Purity (AUC) (17:0+14:1)	99.1% AUC
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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