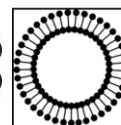


1-heptadecanoyl-2-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-sn-glycero-3-phospho-(1'-myo-inositol) (ammonium salt)

17:0-20:4 PI

LIPIDMAPS™ Compound ID: LMGP06010004

**Avanti®**
POLAR LIPIDS, INC.

Molecular Weight: 890.132

Exact Mass: 889.568

Molecular Formula: C₄₆H₈₄NO₁₃P

Storage: -20° C (Freezer)

Manufacture Date: November 13, 2019

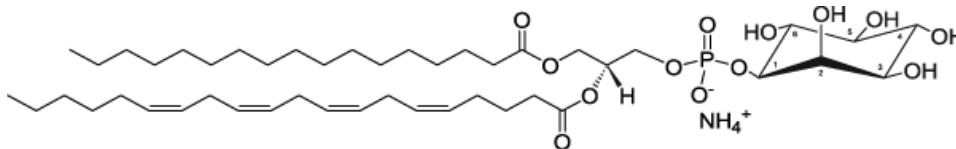
Expiration Date: One year from date of receipt

Physical Form: Methanol Solution (1ml per vial)

Concentration: 9.73 µg/ml (11.14 µM)

Lot Number: LM1502-LM17-012E

MLOT: 6419WAE012

**Certificate of Analysis**

Test	Limits	Result
Mass Spec	Consistent with Structure, [M-NH ₄] ⁺ = 871.6 ± 1amu	Pass
Quantitative LC/MS	Run and Report	9.73 µg/ml 11.14 µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
GC-FAME	NLT 99% Purity (AUC) (17:0+20:4)	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: *Melissa Liles*

For Research Use Only. Not For Human Use.

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