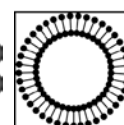


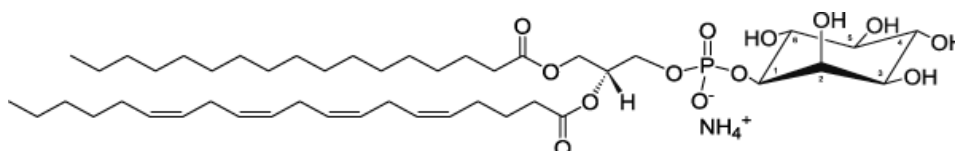
1-heptadecanoyl-2-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-
sn-glycero-3-phospho-(1'-myo-inositol) (ammonium salt)
17:0-20:4 PI



Avanti[®]
POLAR LIPIDS, INC.

LIPIDMAPS™ Compound ID: LMGP06010004

Molecular Weight: 890.132
Exact Mass: 889.568
Molecular Formula: C₄₆H₈₄NO₁₃P
Storage: -20° C (Freezer)
Manufacture Date: May 11, 2018
Expiration Date: One year from date of receipt
Physical Form: Methanol Solution (1ml per vial)
Concentration: 9.49 µg/ml (10.66 µM)
Lot Number: LM1502-LM17-012C
MLOT: 6419WAC012



Certificate of Analysis

Test	Limits	Result
Mass Spec	Consistent with Structure, [M-NH ₄] ⁺ = 871.6 ± 1amu	Pass
Quantitative LC/MS	Run and Report	9.49 µg/ml 10.66 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

Erin M. Connell

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

• E-mail Orders: orders@avantilipids.com • E-mail Inquiries: info@avantilipids.com

• E-mail Technical Questions: technical@avantilipids.com • Visit www.avantilipids.com