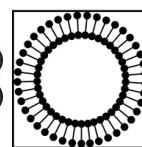
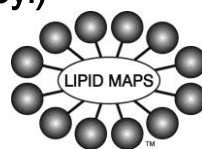


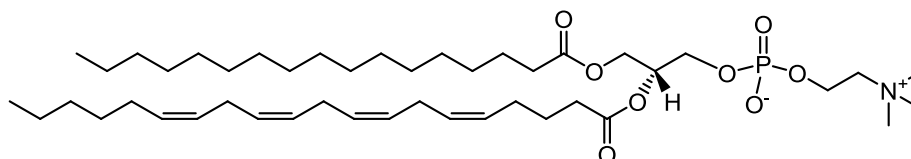
1-heptadecanoyl-2-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-  
sn-glycero-3-phosphocholine

17:0-20:4 PC

LIPIDMAPS™ Compound ID: LMGP01010003


**Avanti**<sup>®</sup>  
POLAR LIPIDS, INC.

Molecular Weight: 796.108  
 Exact Mass: 795.578  
 Molecular Formula: C<sub>45</sub>H<sub>82</sub>NO<sub>8</sub>P  
 Storage: -20° C (Freezer)  
 Manufacture Date: October 26, 2017  
 Expiration Date: One year from date of receipt  
 Physical Form: Methanol Solution (1ml per vial)  
 Concentration: 9.91 µg/ml (12.45 µM)  
 Lot Number: LM1002-LM17-044A  
 MLOT: 6406WAA044



## Certificate of Analysis

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+H] <sup>+</sup> = 796.7 ±1amu	Pass
Quantitative LC/MS	Run and Report	9.91 µg/ml 12.45 µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
GC-FAME	NLT 99% Purity (AUC) (17:0+20:4)	99.8% AUC
Phosphorus NMR	Consistent with Structure	Pass
Proton NMR	Consistent with Structure	Pass
TLC Analysis (Mobile Phase 65:25:4 Chloroform:Methanol:Water)	R <sub>f</sub> 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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