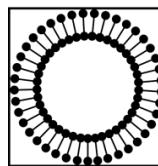
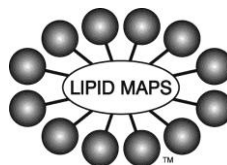


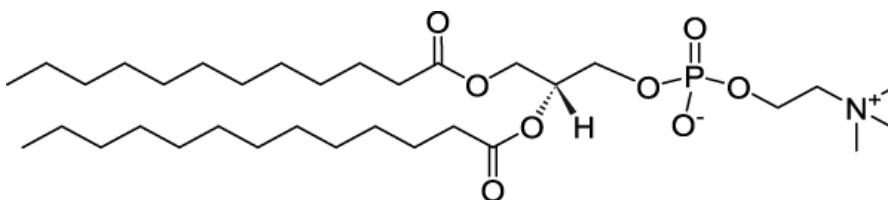
1-dodecanoyl-2-tridecanoyl-
sn-glycero-3-phosphocholine
12:0-13:0 PC

LIPIDMAPS™ Compound ID: LMGP01010001



Avanti®
POLAR LIPIDS, INC.

Molecular Weight: 635.853
Exact Mass: 635.453
Molecular Formula: C₃₃H₆₆NO₈P
Storage: -20° C (Freezer)
Manufacture Date: June 12, 2017
Expiration Date: One year from date of receipt
Physical Form: Methanol Solution (1ml per vial)
Concentration: 9.64 µg/ml (15.16 µM)
Lot Number: LM1000-LM1-029E
MLOT: 6405WAE029



Certificate of Analysis

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+H] ⁺ = 636.5 ±1amu	Pass
Quantitative LC/MS	Run and Report	9.61 µg/ml 15.11 µM
HPLC/ELSD	NLT 99% Purity (AUC)	100% AUC
GC-FAME	NLT 99% Purity (AUC) (12:0+13:0)	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	Negative	Negative
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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