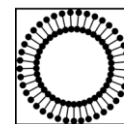
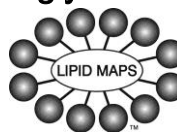


1-heptadecanoyl-2-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-sn-glycero-3-phospho-(1'-myo-inositol-3',5'-biphosphate) (Ammonium Salt)

17:0-20:4 PI(3,5)P2

LIPIDMAPS™ Compound ID: LMGP08010002


Avanti
POLAR LIPIDS, INC.

Molecular Weight: 1084.17 (Ammonium Salt Form) 1033.06 (Proton Form)

Exact Mass: 1083.55 (Ammonium Salt Form) 1032.47 (Proton Form)

Molecular Formula: C₄₆H₉₂N₃O₁₉P₃

Storage: -20° C (Freezer)

Manufacture Date: July 18, 2017

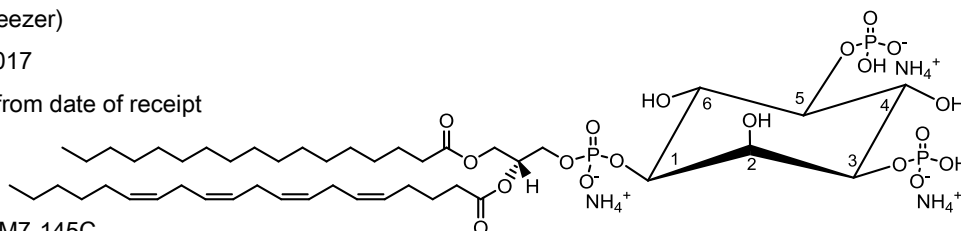
Expiration Date: One year from date of receipt

Physical Form: Powder

Amount Per Vial: 119 µg

Lot Number: LM1905-LM7-145C

MLOT: 6430PAC145



Certificate of Analysis

Test	Limits	Result
Mass Spec	Consistent with Structure, [M-3NH ₄ +H] ²⁻ = 515.6 ±1amu [M-3NH ₄ +2H] ⁻ = 1032.2 ±1amu	Pass
Confirmation of Vial Content by Phosphate Assay	Run and Report	119 µg per vial
Phosphorus NMR	Consistent with Structure	Pass
Proton NMR	Consistent with Structure	Pass
TLC Analysis (Mobile Phase 45:35:7.7:2.3 Chloroform:Methanol:Water:Ammonium Hydroxide)	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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