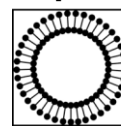
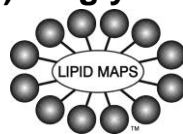


**1-heptadecanoyl-2-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-sn-glycero-3-phospho-(1'-myo-inositol-3',5'-biphosphate) (Ammonium Salt)**

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: C<sub>46</sub>H<sub>92</sub>N<sub>3</sub>O<sub>19</sub>P<sub>3</sub>

Storage: -20° C (Freezer)

Manufacture Date: July 18, 2017

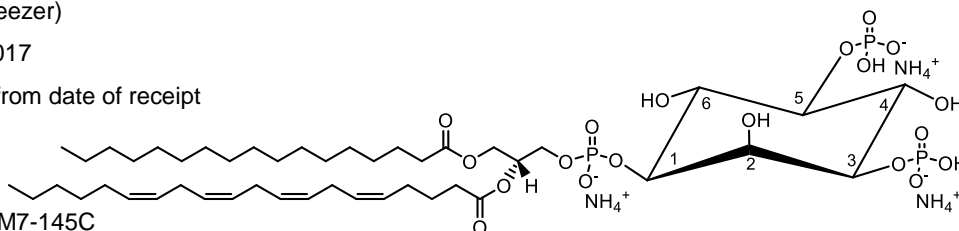
Expiration Date: One year from date of receipt

Physical Form: Powder

Amount Per Vial: 119 µg

Lot Number: LM1905-LM7-145C

MLOT: 6430PAC145

**Certificate of Analysis**

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

For Research Use Only. Not For Human Use.

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, AL 35007-9105, USA

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