

18:0-20:4 PI(4)P
1-stearoyl-2-arachidonoyl-sn-glycero-3-phospho-(1'-myo-inositol-4'-phosphate) (ammonium salt)
850158P-1mg

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Molecular Weight	1001.169
Chemical Formula	C ₄₇ H ₉₀ N ₂ O ₁₆ P ₂
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5609PGA010
Avanti Lot Number	850158P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (45: 35: 7.7: 2.3: Chloroform: Methanol: Water: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-2NH ₄] ²⁻ = 482.585 ± 1 amu	[M-2NH ₄] ²⁻ = 482.7 amu
Calcium (ICP/MS)	NMT 500ppm	118.58ppm

Approved By:

