

18:1 PI(5)P

1,2-dioleoyl-sn-glycero-3-phospho-(1'-myo-inositol-5'-phosphate) (ammonium salt)

850152P-500ug

Page 1 of 1

Molecular Weight	977.147
Chemical Formula	C ₄₅ H ₉₀ N ₂ O ₁₆ P ₂
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5603PFE010
Avanti Lot Number	850152P-500UG-E-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder : White solid which contains no foreign matter	Pass
TLC	>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⁻ = 470.574 ± 1 amu [M-2NH ₄ +H] ⁻ = 942.147 ± 1 amu	[M-2NH ₄] ²⁻ = 470.8 amu [M-2NH ₄ +H] ⁻ = 942.0 amu

Approved by:

