

18:1 PI(3,4,5)P3

1,2-dioleoyl-sn-glycero-3-phospho-(1'-myo-inositol-3',4',5'-trisphosphate) (ammonium salt)

850156P-100ug

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| | |
|--------------------------|---|
| Molecular Weight | 1171.168 |
| Chemical Formula | C ₄₅ H ₉₈ N ₄ O ₂₂ P ₄ |
| Physical State | Powder |
| Storage | -20 °C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5607PDB014 |
| Avanti Lot Number | 850156P-100UG-B-014 |

| 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-4NH ₄ +2H] ²⁻ = 550.584 ± 1 amu [M-4NH ₄ +3H] ⁻ = 1102.168 ± 1 amu | [M-4NH ₄ +2H] ²⁻ = 550.6 amu [M-4NH ₄ +3H] ⁻ = 1101.5 amu |

Approved by:

