

06:0 PI(3,5)P2

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

850174P-500ug

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| | |
|--------------------------|---|
| Molecular Weight | 741.552 |
| Chemical Formula | C ₂₁ H ₅₀ N ₃ O ₁₉ P ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5615PFD010 |
| Avanti Lot Number | 850174P-500UG-D-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: negative 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-3NH ₄ +H] ²⁻ = 344.276 ± 1 amu [M-3NH ₄ +2H] ⁻ = 689.552 ± 1 amu | [M-3NH ₄ +H] ²⁻ = 344.4 amu [M-3NH ₄ +2H] ⁻ = 689.5 amu |

Approved by:

