

18:1 SM (d18:1/18:1(9Z))**N-oleoyl-D-erythro-sphingosylphosphorylcholine****860587P-5mg**

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Molecular Weight 729.065
Chemical Formula C₄₁H₈₁N₂O₆P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6031PHF019
Avanti Lot Number 860587P-5MG-F-019

| ANALYSIS | SPECIFICATION | RESULTS |
|--|---|--------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (65:35:8 Chloroform: Methanol: Water) | >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 |
| Mass Spectroscopy | [M+H] ⁺ = 730.065 ± 1 amu | [M+H] ⁺ = 729.7 amu |

Approved By: *Andriana Thomas*

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