

C17 Ceramide (d18:1/17:0)

N-heptadecanoyl-D-erythro-sphingosine

860517P-5mg

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| | |
|--------------------------|---|
| Molecular Weight | 551.927 |
| Chemical Formula | C ₃₅ H ₆₉ NO ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5969PHF014 |
| Avanti Lot Number | 860517P-5MG-F-014 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------------|---|--------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (9:1 Chloroform: Methanol) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with reference structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 552.927 ± 1 amu | [M+H] ⁺ = 552.2 amu |

 Approved By: *Anderson Thomas*

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