

1-deoxysphinganine

1-deoxysphinganine (m18:0)

860493P-1mg

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|--------------------------|------------------------------------|
| Molecular Weight | 285.508 |
| Chemical Formula | C ₁₈ H ₃₉ NO |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5953PGB014 |
| Avanti Lot Number | 860493P-1MG-B-014 |

| ANALYSIS | SPECIFICATION | RESULTS |
|--|---|--------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide) | >99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 286.508 ± 1 amu | [M+H] ⁺ = 286.5 amu |

Approved By:



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