

sphingosine-d7

D-erythro-sphingosine-d7

860657P-1mg

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|--------------------------|--|
| Molecular Weight | 306.535 |
| Chemical Formula | C ₁₈ H ₃₀ D ₇ NO ₂ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6079PGD014 |
| Avanti Lot Number | 860657P-1MG-D-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: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 307.535 ± 1 amu | [M+H] ⁺ = 307.7 amu |

 Approved By: *Andriana Thomas*

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