

sphinganine-d7
D-erythro-sphinganine-d7
860658P-1mg

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Molecular Weight 308.551
Chemical Formula C₁₈H₃₂D₇NO₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6080PGD011
Avanti Lot Number 860658P-1MG-D-011

| 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] ⁺ = 309.551 ± 1 amu | [M+H] ⁺ = 309.5 amu |

Approved By:



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