

sphingosine-d7
D-erythro-sphingosine-d7
860657P-5mg

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Molecular Weight 306.535
Chemical Formula C₁₈H₃₀D₇NO₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6079PHB012
Avanti Lot Number 860657P-5MG-B-012

| 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] ⁺ = 307.4 amu |

Approved by:

