

Glucosyl(β) Sphingosine (d18:1)

D-glucosyl- β 1'-1'-D-erythro-sphingosine

860535P-5mg

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| | |
|--------------------------|---|
| Molecular Weight | 461.632 |
| Chemical Formula | C ₂₄ H ₄₇ NO ₇ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5985PHF025 |
| Avanti Lot Number | 860535P-5MG-F-025 |

| ANALYSIS | SPECIFICATION | RESULTS |
|--|---|--------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (65:35:8 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] ⁺ = 462.632 \pm 1 amu | [M+H] ⁺ = 462.5 amu |

Approved By: *Meredith Bayfoot*

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