

N-C24:1-deoxysphingosine

N-nervonoyl-1-deoxysphingosine (m18:1/24:1)

860457P-1mg

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Molecular Weight 632.098
Chemical Formula C₄₂H₈₁NO₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5926PGB011
Avanti Lot Number 860457P-1MG-B-011

| ANALYSIS | SPECIFICATION | RESULTS |
|------------------------------------|---|--------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (97:3 Chloroform: Methanol) | >99% Purity Ninhydrin: negative 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] ⁺ = 633.098 ± 1 amu | [M+H] ⁺ = 632.6 amu |

Approved By:



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