

C24:1 Ceramide (d18:1/24:1(15Z))

N-nervonoyl-D-erythro-sphingosine

860525P-5mg

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| | |
|--------------------------|---|
| Molecular Weight | 648.097 |
| Chemical Formula | C ₄₂ H ₈₁ NO ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5977PHB016 |
| Avanti Lot Number | 860525P-5MG-B-016 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------------|---|--------------------------------|
| Physical examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC (9:1 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] ⁺ = 649.097 ± 1 amu | [M+H] ⁺ = 648.9 amu |

Approved by:

