

C24 Mono-Sulfo Galactosyl(β) Ceramide (d18:1/24:0)

3-O-sulfo-D-galactosyl-β1-1'-N-lignoceroyl-D-erythro-sphingosine (ammonium salt), (synthetic)

860578P-1mg

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|--------------------------|--|
| Molecular Weight | 909.348 |
| Chemical Formula | C ₄₈ H ₉₆ N ₂ O ₁₁ S |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6022PGE011 |
| Avanti Lot Number | 860578P-1MG-E-011 |

| ANALYSIS | SPECIFICATION | RESULTS |
|--|---|---|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (65:25:4 Chloroform: Methanol: Ammonium Hydroxide) | >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-NH ₄] ⁺ = 891.348 ± 1 amu | [M-NH ₄] ⁺ = 891.2 amu |

 Approved by: *Anderson Thomas*

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