

C16 Lactosyl(β) Ceramide (d18:1/16:0)
D-lactosyl-β-1,1' N-palmitoyl-D-erythro-sphingosine
860576P-5mg

Page 1 of 1

Molecular Weight 862.182
Chemical Formula C₄₆H₈₇NO₁₃
Physical State Powder
Storage -20 °C
Expiration Date One year from date of receipt
M Lot Number 6020PHA010
Avanti Lot Number 860576P-5MG-A-010

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------------|---|--------------------------------|
| Physical examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC (7:3 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] ⁺ = 863.182 ± 1 amu | [M+H] ⁺ = 863.2 amu |

Approved by:

