

C16 Glucosyl(β) Ceramide (d18:1/16:0)**D-glucosyl-β-1,1'-N-palmitoyl-D-erythro-sphingosine****860539P-5mg****Page 1 of 1**

Molecular Weight 700.041
Chemical Formula C₄₀H₇₇NO₈
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5989PHF016
Avanti Lot Number 860539P-5MG-F-016

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (85:15 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] ⁺ = 701.041 ± 1 amu	[M+H] ⁺ = 700.4 amu

Approved By: *Anderson Thomas*

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