

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

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Molecular Weight 700.041
Chemical Formula C₄₀H₇₇NO₈
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5989PHC015
Avanti Lot Number 860539P-5MG-C-015

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] ⁺ = 700.9 amu

Approved By:



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