

C12 Glucosyl(β) Ceramide (d18:1/12:0)
D-glucosyl-β-1,1'-N-lauroyl-D-erythro-sphingosine
860543P-5mg

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Molecular Weight 643.935
Chemical Formula C₃₆H₆₉NO₈
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5993PHI015
Avanti Lot Number 860543P-5MG-I-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20:2 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+H] ⁺ = 644.935 ± 1 amu	[M+H] ⁺ = 644.9 amu

Approved by: *Anderson Thomas*

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