

C12 Glucosyl(β) Ceramide (d18:1/12:0)

D-glucosyl-β-1,1'-N-lauroyl-D-erythro-sphingosine

860543P-5mg
Page 1 of 1

Molecular Weight	643.935
Chemical Formula	C ₃₆ H ₆₉ NO ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5993PHC015
Avanti Lot Number	860543P-5MG-C-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:

