

C8 Glucosyl(β) Ceramide (d18:1/8:0)

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

860540P-5mg

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Molecular Weight	587.44
Chemical Formula	C ₃₂ H ₆₁ NO ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5990PHE015
Avanti Lot Number	860540P-5MG-E-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] ⁺ = 588.44 \pm 1 amu	[M+H] ⁺ = 588.8 amu

Approved by: *Meredith Bayood*

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