

C8 Galactosyl(α) Ceramide (d18:1/8:0)

D-galactosyl- α -1,1' N-octanoyl-D-erythro-sphingosine

860430P-5mg

Page 1 of 1

Molecular Weight	587.829
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	5919PHC010
Avanti Lot Number	860430P-5MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC 8:2 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] ⁺ = 588.829 $\pm$ 1 amu	[M+H] ⁺ = 588.9 amu

Approved by: *Anderson Thomas*

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