

C16 Galactosyl(β) Ceramide (d18:1/16:0)

D-galactosyl-β-1,1' N-palmitoyl-D-erythro-sphingosine

860521P-5mg
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Molecular Weight	700.041
Chemical Formula	C ₄₀ H ₇₇ NO ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5973PHH010
Avanti Lot Number	860521P-5MG-H-010

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] ⁺ = 701.0 amu

 Approved By: *Andriana Thomas*

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