

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

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

860431P-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	5920PHG010
Avanti Lot Number	860431P-5MG-G-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] ⁺ = 701.041 $\pm$ 1 amu	[M+H] ⁺ = 701.0 amu

Approved by: *Anderson Thomas*

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