

C16 Galactosyl (a) Dihydroceramide (d18:0/16:0)

D-galactosyl-a-1,1' N-palmitoyl-D-erythro-sphinganine

860730P-5mg
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Molecular weight	702.07
Chemical formula	C ₄₀ H ₇₉ NO ₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6526PHA010
Avanti Lot Number	860730P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (85:15 Chloroform:Methanol)	>99% Purity Ninhydrin spray: 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] ⁺ = 703.07 ± 1 amu [M+NH ₄] ⁺ = 720.07 ± 1 amu	[M+H] ⁺ = 702.8 amu [M+NH ₄] ⁺ = 719.6 amu

Approved By:

