

C18 Lactosyl(β) Ceramide (d18:1/18:0)

D-lactosyl-β-1,1' N-stearoyl-D-erythro-sphingosine

860598P-5mg

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Molecular Weight	890.235
Chemical Formula	C ₄₈ H ₉₁ NO ₁₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6039PHG016
Avanti Lot Number	860598P-5MG-G-016

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>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] ⁺ = 891.235 ± 1 amu	[M+H] ⁺ = 891.2 ± 1 amu

 Approved By: *Anderson Thomas*

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