

C16 Lactosyl(β) Ceramide (d18:1/16:0)

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

860576P-5mg

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Molecular Weight	862.182
Chemical Formula	C ₄₆ H ₈₇ NO ₁₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6020PHB010
Avanti Lot Number	860576P-5MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (7:3 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] ⁺ = 863.182 ± 1 amu	[M+H] ⁺ = 863.2 amu

Approved by:

