

C17 Lactosyl(β) Ceramide (d18:1/17:0)

D-Lactosyl-β-1,1'-N-Heptadecanoyl-D-erythro-Sphingosine

860595P-5mg

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Molecular Weight	876.208
Chemical Formula	C ₄₇ H ₈₉ NO ₁₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6036PHF010
Avanti Lot Number	860595P-5MG-F-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] ⁺ = 877.208 ± 1 amu	[M+H] ⁺ = 877.4 amu

 Approved by: *Anderson Thomas*

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