

C12 Lactosyl(β) Ceramide (d18:1/12:0)
D-lactosyl- β -1,1' N-lauroyl-D-erythro-sphingosine
860545P-5mg

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Molecular Weight 806.076
Chemical Formula C₄₂H₇₉NO₁₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5995PHC014
Avanti Lot Number 860545P-5MG-C-014

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] ⁺ = 807.076 ± 1 amu	[M+H] ⁺ = 806.9 amu

Approved by:



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