

C8 Lactosyl(β) Ceramide (d18:1/8:0)

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

860541P-5mg

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Molecular Weight	749.969
Chemical Formula	C ₃₈ H ₇₁ NO ₁₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5991PHA015
Avanti Lot Number	860541P-5MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>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] ⁺ = 750.969 ± 1 amu	[M+H] ⁺ = 751.1 amu

Approved by:

