

C18:1 Lactosyl(β) Ceramide (d18:1/18:1)

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

860590P-5mg

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Molecular Weight	888.219
Chemical Formula	C ₄₈ H ₈₉ NO ₁₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6032PHA010
Avanti Lot Number	860590P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (8:2 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] ⁺ = 889.219 ± 1 amu	[M+H] ⁺ = 889.2 amu

Approved by:

