

C18:1 Ceramide (d18:1/18:1(9Z))

N-oleoyl-D-erythro-sphingosine

860519P-5mg

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Molecular Weight	563.938
Chemical Formula	C ₃₆ H ₆₉ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5971PHH013
Avanti Lot Number	860519P-5MG-H-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 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] ⁺ = 564.938 ± 1 amu	[M+H] ⁺ = 564.6 amu

 Approved By: *Meredith Bayood*

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