

C18 Ceramide (d18:1/18:0)
N-stearoyl-D-erythro-sphingosine
860518P-5mg
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Molecular Weight	565.954
Chemical Formula	C ₃₆ H ₇₁ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5970PHE015
Avanti Lot Number	860518P-5MG-E-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (95:5 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 566.954 ± 1 amu	[M+H] ⁺ = 566.7 amu

Approved by:



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