

C18 Ceramide (d18:1/18:0)

N-stearoyl-D-erythro-sphingosine

860518P-10mg

Page 1 of 1

Molecular Weight 565.954
Chemical Formula C₃₆H₇₁NO₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5970PIB015
Avanti Lot Number 860518P-10MG-B-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: *Anderson Thomas*

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