

C2 Ceramide (d18:1/2:0)

N-acetyl-D-erythro-sphingosine

860502P-5mg

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Molecular Weight	341.529
Chemical Formula	C ₂₀ H ₃₉ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5961PHK017
Avanti Lot Number	860502P-5MG-K-017

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] ⁺ = 342.529 ± 1 amu	[M+H] ⁺ = 342.3 amu

 Approved By: *Anderson Thomas*

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