

Sphingosine (d17:1)

D-erythro-sphingosine (C17 base)

860640P-10mg

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Molecular Weight	285.465
Chemical Formula	C ₁₇ H ₃₅ NO ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6066PIB018
Avanti Lot Number	860640P-10MG-B-018

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: positive 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] ⁺ = 286.465 ± 1 amu	[M+H] ⁺ = 286.3 amu

 Approved By: *Anderson Thomas*

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