

Sphingosine (d17:1)

D-erythro-sphingosine (C17 base)

860640P-5mg

Page 1 of 1

Molecular Weight 285.465
Chemical Formula C₁₇H₃₅NO₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6066PHG018
Avanti Lot Number 860640P-5MG-G-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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