

4E,14Z-Sphingadiene

(2S,3R,4E,14Z)-2-aminooctadec-4,14-diene-1,3-diol

860665P-1mg

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Molecular Weight	297.476
Chemical Formula	C ₁₈ H ₃₅ NO ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6085PGB010
Avanti Lot Number	860665P-1MG-B-010

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] ⁺ = 298.476 ± 1 amu	[M+H] ⁺ = 298.6 amu



Approved by:

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