

3-deoxy sphingosine

(R,E)-2-aminooctadec-4-en-1-ol

860469P-1mg

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Molecular Weight	283.492
Chemical Formula	C ₁₈ H ₃₇ NO
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5937PGB015
Avanti Lot Number	860469P-1MG-B-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (85:15:1 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] ⁺ = 284.492 ± 1 amu	[M+H] ⁺ = 284.5 amu

Approved by:

