

1-deoxysphingosine

1-deoxysphingosine (m18:1)

860470P-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	5938PGG012
Avanti Lot Number	860470P-1MG-G-012

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] ⁺ = 284.492 ± 1 amu	[M+H] ⁺ = 284.5 amu

Approved By: *Anderson Thomas*

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