

cis-4-methylsphingosine

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860478P-5mg

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Molecular Weight	313.518
Chemical Formula	C ₁₉ H ₃₉ NO ₂
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5944PHA010
Avanti Lot Number	860478P-5MG-A-010

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] ⁺ = 314.518 ± 1 amu	[M+H] ⁺ = 314.1 amu

Approved by:

