

3-O-methyl sphingosine (d18:1)
3-O-methyl D-erythro-sphingosine
860754P-1MG

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Molecular Weight	313.53
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	7150PGA010
Avanti Lot Number	860754P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>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] ⁺ = 314.53 ± 1 amu	[M+H] ⁺ = 314.3 amu

Approved By:



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