

N-C16-deoxysphingosine

N-palmitoyl-1-deoxysphingosine (m18:1/16:0)

860456P-1mg

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Molecular Weight	521.901
Chemical Formula	C ₃₄ H ₆₇ NO ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5925PGC011
Avanti Lot Number	860456P-1MG-C-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (97:3 Chloroform: Methanol)	>99% Purity Ninhydrin: negative 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] ⁺ = 522.901 ± 1 amu	[M+H] ⁺ = 522.6 amu

Approved By:



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