

C18:1 Dihydroceramide (d18:0/18:1(9Z))

N-oleoyl-D-erythro-sphinganine

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Molecular Weight 565.954
Chemical Formula C₃₆H₇₁NO₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6052PHF010
Avanti Lot Number 860624P-5MG-F-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 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] ⁺ = 566.954 ± 1 amu	[M+H] ⁺ = 566.8 amu

Approved By:



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