

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

N-oleoyl-D-erythro-sphinganine

860624P-5mg

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Molecular Weight	565.954
Chemical Formula	C ₃₆ H ₇₁ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6052PHB010
Avanti Lot Number	860624P-5MG-B-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] ⁺ = 566.80 amu

Approved by:

