

C16 Dihydroceramide (d18:0/16:0)

N-palmitoyl-D-erythro-sphinganine

860634P-5mg

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Molecular Weight	539.917
Chemical Formula	C ₃₄ H ₆₉ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6060PHD022
Avanti Lot Number	860634P-5MG-D-022

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] ⁺ = 540.917 ± 1 amu	[M+H] ⁺ = 541.1 amu

Approved by:

