

C14 dihydroceramide (d18:0/14:0)
N-myristoyl-D-erythro-sphinganine
860632P-5mg
Page 1 of 1

Molecular Weight	511.86
Chemical Formula	C ₃₂ H ₆₅ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6058PHE010
Avanti Lot Number	860632P-5MG-E-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (90:10:1 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 512.860 ± 1 amu	[M+H] ⁺ = 512.5 amu

Approved By:



For Research Use Only. Not For Human Use.