

C16 Ceramide (d18:1/16:0)

N-palmitoyl-D-erythro-sphingosine

860516P-5mg

Page 1 of 1

Molecular Weight	537.901
Chemical Formula	C ₃₄ H ₆₇ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5968PHA021
Avanti Lot Number	860516P-5MG-A-021

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (95:5 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] ⁺ = 538.901 ± 1 amu	[M+H] ⁺ = 538.8 amu

Approved By:



For Research Use Only. Not For Human Use.