

C16:0 Ceramide (d18:2(4E,8Z)/16:0)

N-palmitoyl-D-erythro-sphingosine (d18:2(4E,8Z) base)

860692P-1mg

Page 1 of 1

Molecular Weight	535.88
Chemical Formula	C ₃₄ H ₆₅ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6102PGB010
Avanti Lot Number	860692P-1MG-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] ⁺ = 536.88 ± 1 amu	[M+H] ⁺ = 537.0 amu

Approved by:

