

16:0(2S-OH) Ceramide

N-(2'-(S)-hydroxypalmitoyl)-D-erythro-sphingosine

860816P-5mg

Page 1 of 1

Molecular Weight	553.9
Chemical Formula	C ₃₄ H ₆₇ NO ₄
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6109PHA010
Avanti Lot Number	860816P-5MG-A-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] ⁺ = 554.900 ± 1 amu	[M+H] ⁺ = 554.70 amu

Approved by:

