

18:1(2R-OH) Ceramide

N-(2'-(R)-hydroxyoleoyl)-D-erythro-sphingosine

860827P-5mg

Page 1 of 1

Molecular Weight	579.937
Chemical Formula	C ₃₆ H ₆₉ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6119PHC010
Avanti Lot Number	860827P-5MG-C-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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 580.937 ± 1 amu	[M+H] ⁺ = 581.0 amu

Approved by:



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