

1-O-Acyl-Ceramide

1-oleoyl-N-heptadecanoyl-D-erythro-sphingosine

860526P-5mg

Page 1 of 1

Molecular Weight	816.373
Chemical Formula	C ₅₃ H ₁₀₁ NO ₄
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5978PHA010
Avanti Lot Number	860526P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (97:3 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] ⁺ = 817.373 ± 1 amu	[M+H] ⁺ = 817.2 amu

Approved by:

