

1-O-Acyl-Ceramide

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

860526P-5mg

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Molecular Weight 816.373
Chemical Formula C₅₃H₁₀₁NO₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5978PHD010
Avanti Lot Number 860526P-5MG-D-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:



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