

C17 Ceramide (d18:1/17:0)

N-heptadecanoyl-D-erythro-sphingosine

860517P-5mg

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Molecular Weight	551.927
Chemical Formula	C ₃₅ H ₆₉ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5969PHB013
Avanti Lot Number	860517P-5MG-B-013

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] ⁺ = 552.927 ± 1 amu	[M+H] ⁺ = 552.9 amu

Approved by:

