

C20 Ceramide (d17:1/20:0)

N-arachidoyl-D-erythro-sphingosine (C17 base)

860648P-10mg

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Molecular Weight	579.98
Chemical Formula	C ₃₇ H ₇₃ NO ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6072PIA015
Avanti Lot Number	860648P-10MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>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] ⁺ = 580.98 ± 1 amu	[M+H] ⁺ = 581.0 amu

Approved by:

