

C20 Ceramide (d18:1/20:0)

N-arachidoyl-D-erythro-sphingosine

860520P-5mg

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Molecular Weight	594.007
Chemical Formula	C ₃₈ H ₇₅ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5972PHB013
Avanti Lot Number	860520P-5MG-B-013

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (95:5 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] ⁺ = 595.007 ± 1 amu	[M+H] ⁺ = 596.00 amu

Approved by:

