

C24:1 Ceramide (d18:1/24:1(15Z))

N-nervonoyl-D-erythro-sphingosine

860525P-10mg

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Molecular Weight	648.097
Chemical Formula	C ₄₂ H ₈₁ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5977PID016
Avanti Lot Number	860525P-10MG-D-016

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] ⁺ = 649.097 ± 1 amu	[M+H] ⁺ = 648.9 amu

 Approved by: *Anderson Thomas*

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