

C24:1 Ceramide (d17:1/24:1(15Z))

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

860650P-10mg

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Molecular Weight	634.071
Chemical Formula	C ₄₁ H ₇₉ NO ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6074PIA010
Avanti Lot Number	860650P-10MG-A-010

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] ⁺ = 635.071 ± 1 amu	[M+H] ⁺ = 635.0 amu

Approved by:

