

C24:1 Ceramide (d18:2(4E,8Z)/24:1(15Z))

N-nervonoyl-D-erythro-sphingosine (d18:2(4E,8Z) base)

860691P-1mg

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Molecular Weight	646.08
Chemical Formula	C ₄₂ H ₇₉ NO ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6101PGA010
Avanti Lot Number	860691P-1MG-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] ⁺ = 647.08 ± 1 amu	[M+H] ⁺ = 646.6 amu

Approved by:

