

C24:1 Dihydroceramide (d18:0/24:1(15Z))

N-nervonoyl-D-erythro-sphinganine

860629P-5mg

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Molecular Weight	650.113
Chemical Formula	C ₄₂ H ₈₃ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6057PHB011
Avanti Lot Number	860629P-5MG-B-011

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] ⁺ = 651.113 ± 1 amu	[M+H] ⁺ = 651.1 amu

Approved by:

