

C24 Dihydroceramide (d18:0/24:0)**N-lignoceroyl-D-erythro-sphinganine****860628P-5mg****Page 1 of 1**

Molecular Weight 652.129
Chemical Formula C₄₂H₈₅NO₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6056PHH013
Avanti Lot Number 860628P-5MG-H-013

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: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 653.129 ± 1 amu	[M+H] ⁺ = 652.6 amu

Approved By:



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