

C24 Ceramide (d18:1/24:0)
N-lignoceroyl-D-erythro-sphingosine
860524P-5mg

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Molecular Weight 650.113
Chemical Formula C₄₂H₈₃NO₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5976PHA-016
Avanti Lot Number 860524P-5MG-A-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] ⁺ = 651.113 ± 1 amu	[M+H] ⁺ = 650.9 amu

Approved By:



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