

C25 Ceramide (d18:1/25:0)
N-pentacosanoyl-D-erythro-sphingosine
860803P-5mg
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Molecular Weight	664.16
Chemical Formula	C ₄₃ H ₈₅ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7260PHA010
Avanti Lot Number	860803P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 665.2 ± 1 amu	[M+H] ⁺ = 665.1 amu

Approved By:



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