

N-24:0 Phytosphingosine

 N-lignoceroyl-phytosphingosine (*Saccharomyces Cerevisiae*)

860724P-5mg

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Molecular Weight	668.129
Chemical Formula	C ₄₂ H ₈₅ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6104PHE011
Avanti Lot Number	860724P-5MG-E-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] ⁺ = 669.129 ± 1 amu	[M+H] ⁺ = 669.0 amu

 Approved By: *Meredith Bayood*

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