

N-24:0 PhytosphingosineN-lignoceroyl-phytosphingosine (*Saccharomyces Cerevisiae*)

860724P-5mg

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Molecular Weight 668.129
Chemical Formula C₄₂H₈₅NO₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6104PHC011
Avanti Lot Number 860724P-5MG-C-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: *Andriana Thomas*

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