

N 24:0 (2S-OH) PhytosphingosineN-(2'-(S)-hydroxylignoceroyl)-phytosphingosine (*Saccharomyces Cerevisiae*)

860925P-1mg

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Molecular Weight 684.13
Chemical Formula C₄₂H₈₅NO₅
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6566PGA015
Avanti Lot Number 860925P-1MG-A-015

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 685.13 ± 1 amu	[M+H] ⁺ = 685.2 amu

Approved By:



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