

N-18:0 Phytosphingosine

N-stearoyl 4-hydroxysphinganine (Saccharomyces Cerevisiae)

860610P-5mg

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Molecular Weight 583.969
Chemical Formula C₃₆H₇₃NO₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6046PHD012
Avanti Lot Number 860610P-5MG-D-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Mass Spectroscopy	[M+H] ⁺ = 584.969 ± 1 amu	[M+H] ⁺ = 585.0 amu

Approved By: *Andriana Thomas*

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