

N-08:0 Phytosphingosine

 N-octanoyl 4-hydroxyphinganine (*Saccharomyces Cerevisiae*)

860609P-5mg

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Molecular Weight	443.703
Chemical Formula	C ₂₆ H ₅₃ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6045PHB012
Avanti Lot Number	860609P-5MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>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] ⁺ = 444.703 ± 1 amu	[M+H] ⁺ = 444.7 amu

Approved by:

