

N-16:0 Phytosphingosine

 N-palmitoyl-phytosphingosine (*Saccharomyces Cerevisiae*)

860617P-5mg

Page 1 of 1

Molecular Weight	555.916
Chemical Formula	C ₃₄ H ₆₉ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6049PHC010
Avanti Lot Number	860617P-5MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>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] ⁺ = 556.916 ± 1 amu	[M+H] ⁺ = 557.0 amu

 Approved by: *Anderson Thomas*

For Research Use Only. Not For Human Use.