

Sphingosine-1-Phosphate (d20:1)**D-erythro-sphingosine-1-phosphate (C20 base)****860662P-1mg****Page 1 of 1**

Molecular Weight 407.525
Chemical Formula C₂₀H₄₂NO₅P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6083PGF010
Avanti Lot Number 860662P-1MG-F-010

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: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All pass
Mass Spectroscopy	[M+H] ⁺ = 408.525 ± 1 amu	[M+H] ⁺ = 408.5 amu

Approved by:



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