

Sphingosyl PE (d18:1)

D-erythro-sphingosyl phosphoethanolamine

860615P-5mg

Page 1 of 1

Molecular Weight	422.540
Chemical Formula	C ₂₀ H ₄₃ N ₂ O ₅ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6047PHB010
Avanti Lot Number	860615P-5MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 423.540 ± 1 amu	[M+H] ⁺ = 423.4 amu

Approved by:



For Research Use Only. Not For Human Use.