

Sphinganine (d18:0)

D-erythro-sphinganine

860498P-25mg

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Molecular Weight	301.51
Chemical Formula	C ₁₈ H ₃₉ NO ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5958PJB021
Avanti Lot Number	860498P-25MG-B-021

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: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 302.51 ± 1 amu	[M+H] ⁺ = 302.5 amu

Approved by:

