

Sphinganine (d20:0)

D-erythro-sphinganine (C20 base)

860674P-5mg

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Molecular Weight 329.561
Chemical Formula C₂₀H₄₃NO₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6091PHB011
Avanti Lot Number 860674P-5MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:25:4 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] ⁺ = 330.561 ± 1 amu	[M+H] ⁺ = 330.5 amu

Approved By:



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