

Sphinganine-1-phosphate-d7
D-erythro-sphinganine-1-phosphate-d7
860694P-1mg

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Molecular Weight 388.31
Chemical Formula C₁₈H₃₃D₇NO₅P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6612PGB010
Avanti Lot Number 860694P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (50:40:10 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin spray: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 389.31 ± 1 amu	[M+H] ⁺ = 389.6 amu

Approved By:



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