

sphingosine-1-phosphate-d7
D-erythro-sphingosine-d7-1-phosphate
860659P-1mg

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Molecular Weight 386.515
Chemical Formula C₁₈H₃₁D₇NO₅P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6081PGE011
Avanti Lot Number 860659P-1MG-E-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (10:10:3 Chloroform: Methanol: Water)	>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] ⁺ = 387.515 ± 1 amu	[M+H] ⁺ = 387.5 amu

Approved By: 

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