

sphingosine-d7
D-erythro-sphingosine-d7
860657P-1mg

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Molecular Weight 306.535
Chemical Formula C₁₈H₃₀D₇NO₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6079PGB012
Avanti Lot Number 860657P-1MG-B-012

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 307.535 ± 1 amu	[M+H] ⁺ = 307.4 amu

Approved by:

