

C18:1 Ceramide-d7 (d18:1-d7/18:1)

N-oleoyl-D-erythro-sphingosine-d7

860747L-1mg

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Molecular Weight	570.98
Chemical Formula	C ₃₆ H ₆₂ D ₇ NO ₃
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6780LGA010
Avanti Lot Number	860747L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear, colorless solution with no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin spray: negative 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] ⁺ = 571.98 ± 1 amu	[M+H] ⁺ = 571.8 amu

Approved By:



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