

C24:1 Ceramide-d7 (d18:1-d7/24:1(15Z))

N-nervonoyl-D-erythro-sphingosine (d7)

860679L-1mg

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Molecular Weight	655.141
Chemical Formula	C ₄₂ H ₇₄ D ₇ NO ₃
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6096LGA010
Avanti Lot Number	860679L-1MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear solution with no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: 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] ⁺ = 656.141 ± 1 amu	[M+H] ⁺ = 655.9 amu

Approved By:



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