

C20:1 Ceramide-d7 (d18:1-d7/20:1)**N-eicos-11-enoyl-D-erythro-sphingosine-d7****860746L-1mg****Page 1 of 1**

Molecular Weight 599.03
Chemical Formula C₃₆H₆₆DNO₃
Physical State 1:1 Dichloromethane: Methanol
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6781LGB010
Avanti Lot Number 860746L-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear 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] ⁺ = 600.03 ± 1 amu	[M+H] ⁺ = 600.0 amu

Approved By: *Andriana Thomas*

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