

C15 Ceramide-d7 (d18:1-d7/15:0)
N-pentadecanoyl-D-erythro-sphingosine(d7)
860681P-1mg

Page 1 of 1

Molecular Weight 530.917
Chemical Formula C₃₃H₅₈D₇NO₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6097PGH010
Avanti Lot Number 860681P-1MG-H-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains 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] ⁺ = 531.917 ± 1 amu	[M+H] ⁺ = 531.9 amu

 Approved By: *Andriana Thomas*

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