

C18 Ceramide-d7 (d18:1-d7/18:0)
N-stearoyl-D-erythro-sphingosine (d7)
860677P-1mg

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Molecular Weight	572.997
Chemical Formula	C ₃₆ H ₆₄ D ₇ NO ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6094PGA010
Avanti Lot Number	860677P-1MG-A-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] ⁺ = 573.997 ± 1 amu	[M+H] ⁺ = 573.9 amu

Approved by:

