

C16 Ceramide-d7 (d18:1-d7/16:0)
N-palmitoyl-D-erythro-sphingosine (d7)
860676P-1mg
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Molecular Weight	544.944
Chemical Formula	C ₃₄ H ₆₀ D ₇ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6093PGB011
Avanti Lot Number	860676P-1MG-B-011

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] ⁺ = 545.944 ± 1 amu	[M+H] ⁺ = 545.6 amu

Approved by:

