

C16 Ceramide-d7 (d18:1-d7/16:0)**N-palmitoyl-D-erythro-sphingosine (d7)****860676P-1mg**

Page 1 of 1

Molecular Weight 544.944
Chemical Formula C₃₄H₆₀D₇NO₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6093PGH011
Avanti Lot Number 860676P-1MG-H-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: *Andriana Thomas*

For Research Use Only. Not For Human Use.