

CER10(d9)

N-palmitoyl(d9) dihydrosphingosine

791661P-5mg

Page 1 of 1

Molecular Weight	548.972
Chemical Formula	C ₃₄ H ₆₀ D ₉ NO ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5280PHA012
Avanti Lot Number	791661P-5MG-A-012

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: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 549.972 ± 1 amu	[M+H] ⁺ = 549.9 amu

Approved By: *Andriana Thomas*

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