

CER5-2'R(d9)

N-(2'-(R)-hydroxypalmitoyl(d9)) D-erythro-sphingosine

860848P-1mg

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Molecular Weight	562.956
Chemical Formula	C ₃₄ H ₅₈ D ₉ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6138PGD010
Avanti Lot Number	860848P-1MG-D-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] ⁺ = 563.956 ± 1 amu	[M+H] ⁺ = 563.9 amu

Approved by:



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