

CER3(d9)

N-palmitoyl(d9) D-ribo-phytosphingosine

791923P-5mg

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Molecular Weight	564.971
Chemical Formula	C ₃₄ H ₆₀ D ₉ NO ₄
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5282PHA010
Avanti Lot Number	791923P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid with 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] ⁺ = 565.971 ± 1 amu	[M+H] ⁺ = 565.9 amu

Approved by: 