

CER6-2'R(d9)**N-(2'-(R)-hydroxypalmitoyl(d9)) D-ribo-phytosphingosine****860618P-1mg**

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Molecular Weight 580.971
Chemical Formula C₃₄H₆₀D₉NO₅
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6050PGC010
Avanti Lot Number 860618P-1MG-C-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] ⁺ = 581.971 ± 1 amu	[M+H] ⁺ = 581.8 amu

Approved by: *Meredith Bayroot*

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