

**CER7-2'S,6R(d9)**
**N(2'-(S)-hydroxypalmitoyl(d9)) 6R-hydroxysphingosine**
**860838P-1mg**

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<b>Molecular Weight</b>	578.955
<b>Chemical Formula</b>	C <sub>34</sub> H <sub>58</sub> D <sub>9</sub> NO <sub>5</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6130PGA010
<b>Avanti Lot Number</b>	860838P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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] <sup>+</sup> = 579.955 ± 1 amu	[M+H] <sup>+</sup> = 580.0 amu

Approved by:

