

**CER10(d9)**

**N-palmitoyl(d9) dihydrosphingosine**

**791661P-CONF**

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<b>Molecular Weight</b>	548.972
<b>Chemical Formula</b>	C <sub>34</sub> H <sub>60</sub> D <sub>9</sub> NO <sub>3</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>	5280PWB011
<b>Avanti Lot Number</b>	791661P-CONF-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution 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] <sup>+</sup> = 549.972 ± 1 amu	[M+H] <sup>+</sup> = 549.9 amu

Approved by:

*Melissa Liles*

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