

**5-PAHSA-d9**

5-[[[(13,13,14,14,15,15,16,16,16-d9)palmitoyl]hydroxy]-stearic acid

**860410C-1mg**

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<b>Molecular Weight</b>	547.941
<b>Chemical Formula</b>	C <sub>34</sub> H <sub>57</sub> D <sub>9</sub> O <sub>4</sub>
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5918CGA010
<b>Avanti Lot Number</b>	860410C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> Clear solution with no foreign matter.	Pass
TLC 8:2 Hexane: Ethyl Acetate	>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> = 546.941 ± 1 amu	[M-H] <sup>-</sup> = 546.4 amu

Approved By:

