

**13(S)HODE**

13S-Hydroxy-9Z,11E-octadecanoic acid

**900130E-500ug**

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<b>Molecular Weight</b>	296.4449
<b>Chemical Formula</b>	C <sub>18</sub> H <sub>32</sub> O <sub>3</sub>
<b>Physical State</b>	Ethanol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6298EFA010
<b>Avanti Lot Number</b>	900130E-500UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Ethanol:</b> Clear solution which contains no foreign matter	Pass
TLC (6:4 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin spray: 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-H <sub>2</sub> O] <sup>+</sup> = 279.4449 ± 1 amu [M+NH <sub>4</sub> ] <sup>+</sup> = 314.4449 ± 1 amu [M+Na] <sup>+</sup> = 319.4449 ± 1 amu	[M+H-H <sub>2</sub> O] <sup>+</sup> = 279.6 amu [M+NH <sub>4</sub> ] <sup>+</sup> = 314.5 amu [M+Na] <sup>+</sup> = 319.3 amu

Approved By:



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