

13(S)HODE

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

900130E-500ug

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Molecular Weight	296.4449
Chemical Formula	C ₁₈ H ₃₂ O ₃
Physical State	Ethanol
Storage	-80°C
Expiration Date	Three months from date of receipt
M Lot Number	6598EFA010
Avanti Lot Number	900130E-500UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Ethanol: 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 ₂ O] ⁺ = 279.4 ± 1 amu [M+NH ₄] ⁺ = 314.4 ± 1 amu [M+Na] ⁺ = 319.4 ± 1 amu	[M+H-H ₂ O] ⁺ = 279.6 amu [M+NH ₄] ⁺ = 314.5 amu [M+Na] ⁺ = 319.3 amu

Approved By:



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