

14(15) EET

(±)14(15)-epoxy-5Z,8Z,11Z-eicosatrienoic acid

900127E-500ug

Page 1 of 1

Molecular Weight	320.47
Chemical Formula	C ₂₀ H ₃₂ O ₃
Physical State	Ethanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6572EFA010
Avanti Lot Number	900127E-500UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Ethanol: Clear solution which contains no foreign matter	Pass
TLC (7:3 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 ₂ O+H] ⁺ = 303.47 ± 1 amu [M+H] ⁺ = 321.47 ± 1 amu [M+NH ₄] ⁺ = 338.47 ± 1 amu [M+Na] ⁺ = 343.47 ± 1 amu	[M-H ₂ O+H] ⁺ = 303.3 amu [M+H] ⁺ = 321.2 amu [M+NH ₄] ⁺ = 338.3 amu [M+Na] ⁺ = 343.2 amu

Approved By:



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