

oleic acid(17-yne)
 (Z)-octadec-9-en-17-ynoic acid
 900412E-1mg

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Molecular Weight 278.430
Chemical Formula C₁₈H₃₀O₂
Physical State Ethanol
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6387EGF010
Avanti Lot Number 900412E-1MG-F-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Ethanol: 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] ⁻ = 277.430 ± 1 amu	[M-H] ⁻ = 277.2 amu

Approved By:

Meredith Bayfoot

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