

oleic acid(17-yne)

(Z)-octadec-9-en-17-ynoic acid

900412

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Molecular Weight	278.430
Chemical Formula	C ₁₈ H ₃₀ O ₂
Physical State	Ethanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6387EWA010
Avanti Lot Number	900412E-CONF-A-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:

