

Palmitic acid (15-yne)

15-hexadecynoic acid

900400P-5mg

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Molecular Weight	252.392
Chemical Formula	C ₁₆ H ₂₈ O ₂
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6377PHA010
Avanti Lot Number	900400P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains 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+NH ₄] ⁺ = 270.392 ± 1 amu	[M+NH ₄] ⁺ = 270.4 amu

Approved by:

