

16:1 aldehyde

(2E)-hexadecenal

857459P-1mg

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Molecular Weight	238.409
Chemical Formula	C ₁₆ H ₃₀ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5840PGG010
Avanti Lot Number	857459P-1MG-G-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 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] ⁺ = 256.409 ± 1 amu	[M+NH ₄] ⁺ = 256.0 amu

Melissa Bolin

Approved by:

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