

**16:1 aldehyde**  
**(2E)-hexadecenal**  
**857459P-5mg**

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**Molecular Weight** 238.409  
**Chemical Formula** C<sub>16</sub>H<sub>30</sub>O  
**Physical State** Powder  
**Storage** -20 °C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5840PHA010  
**Avanti Lot Number** 857459P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Pass	<b>Powder:</b> 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 <sub>4</sub> ] <sup>+</sup> = 256.409 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 256.00 amu

Approved by:

