

**16:1 aldehyde**

**(2E)-hexadecenal**

**857459P-1mg**

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<b>Molecular Weight</b>	238.409
<b>Chemical Formula</b>	C <sub>16</sub> H <sub>30</sub> O
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5840PGH010
<b>Avanti Lot Number</b>	857459P-1MG-H-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
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> = 256.0 amu

Approved by:



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