

**16:0 dimethylacetal**  
hexadecanal-dimethylacetal  
**852446C-10mg**

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**Molecular Weight** 286.493  
**Chemical Formula** C<sub>18</sub>H<sub>38</sub>O<sub>2</sub>  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5755CIE011  
**Avanti Lot Number** 852446C-10MG-E-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with 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

Approved By:



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