

**18:0 dimethylacetal**  
 octadecanal-dimethylacetal  
**852448C-10mg**

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**Molecular Weight** 314.546  
**Chemical Formula** C<sub>20</sub>H<sub>42</sub>O<sub>2</sub>  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5756CIB010  
**Avanti Lot Number** 852448C-10MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> Clear solution with no foreign matter.	Pass
TLC (95:5 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> = 332.546 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 332.6 amu

Approved By:

