

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

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Molecular Weight 314.546
Chemical Formula C₂₀H₄₂O₂
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5756CIC010
Avanti Lot Number 852448C-10MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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 ₄] ⁺ = 332.546 ± 1 amu	[M+NH ₄] ⁺ = 332.6 amu

Approved By:

