

16:1 aldehyde-d5

(2E)-hexadecenal(d5)

857461P-1mg

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Molecular Weight	243.440
Chemical Formula	C16H25OD5
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5842PGA010
Avanti Lot Number	857461P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains 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
Mass Spectroscopy	[M+H] ⁺ = 244.44 ± 1 amu, or [M+NH ₄] ⁺ = 261.44 ± 1 amu	Pass

Approved By:

