

4-HNE-dimethylacetal

(E)-4R-hydroxynonenal-dimethylacetal (Each vial contains 6.8mg which yields ~5.2mg 4-HNE after deprotection)

870608H-5mg

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Molecular Weight 202.291
Chemical Formula C₁₁H₂₂O₃
Physical State Hexane
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6212HHA012
Lot Number 870608H-5MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Hexane: Clear solution with no foreign matter.	Pass
TLC (7:3 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] ⁺ = 220.291 ± 1 amu	[M+NH ₄] ⁺ = 220.4 amu

Approved by:



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