

α-mycolic acid, keto cis

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Molecular Weight 1266.252
Chemical Formula C₈₆H₁₆₈O₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5261PGC010
Avanti Lot Number 791282P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (95:5 Chloroform:Methanol)	>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-H] ⁻ = 1265.3 ± 1 amu	[M-H] ⁻ = 1265.1 amu

Approved by:



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