

α-mycolic acid, keto cis

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791282P-1mg

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Molecular Weight	1266.252
Chemical Formula	C ₈₆ H ₁₆₈ O ₄
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5261PGA010
Avanti Lot Number	791282P-1MG-A-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:

