

α-mycolic acid (C80)

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791280P-1mg

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Molecular Weight	1166.093
Chemical Formula	C ₈₀ H ₁₅₆ O ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5259PGC010
Avanti Lot Number	791280P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20 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 reference structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 1165.093 ± 1 amu	[M-H] ⁻ = 1164.9 amu

Approved By:



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