

**α-mycolic acid, methoxy cis**

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**791281P-1mg**

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<b>Molecular Weight</b>	1254.241
<b>Chemical Formula</b>	C <sub>85</sub> H <sub>168</sub> O <sub>4</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5260PGE010
<b>Avanti Lot Number</b>	791281P-1MG-E-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (8:2 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-H] <sup>-</sup> = 1253.241 ± 1 amu	[M-H] <sup>-</sup> = 1253.0 amu

Approved By:



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