

**α-mycolic acid, keto cis**

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**791282P-1mg**

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<b>Molecular Weight</b>	1266.252
<b>Chemical Formula</b>	C <sub>86</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>	5261PGD010
<b>Avanti Lot Number</b>	791282P-1MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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] <sup>-</sup> = 1265.3 ± 1 amu	[M-H] <sup>-</sup> = 1265.1 amu

 Approved by: *Anderson Thomas*

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