

**α-mycolic acid (C80)**

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791280P-1mg

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<b>Molecular Weight</b>	1166.093
<b>Chemical Formula</b>	C <sub>80</sub> H <sub>156</sub> O <sub>3</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>	5259PGB010
<b>Avanti Lot Number</b>	791280P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (80:20 Hexane : Ethylacetate)	>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> = 1165.093 ± 1 amu	[M-H] <sup>-</sup> = 1164.9 amu

Approved by:

