

$\alpha$ -Mycolic acid (C80)

## Chemical Properties

CAS No. : 23040-84-8

Formula: C<sub>80</sub>H<sub>156</sub>O<sub>3</sub>

Molecular Weight: 1166.09

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	$\alpha$ -Mycolic acid (C80) is a structural lipid component of the Mycobacterium cell wall. It can be isolated from Mycobacterium tuberculosis Canetti. $\alpha$ -Mycolic acid (C80) significantly influences membrane permeability and stability, presenting potential for research into Mycobacterium tuberculosis infections.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8576 mL	4.2878 mL	8.5757 mL
5 mM	0.1715 mL	0.8576 mL	1.7151 mL
10 mM	0.0858 mL	0.4288 mL	0.8576 mL
50 mM	0.0172 mL	0.0858 mL	0.1715 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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