

Mycolic acid IIa

Chemical Properties

CAS No. : 23599-54-4

Formula: C85H168O4

Molecular Weight: 1254.24

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	Mycolic acid IIa is a structural lipid component of the Mycobacterium cell wall. It can be isolated from Mycobacterium bovis BCG and plays a significant role in regulating membrane permeability and stability, making it a potential focus for tuberculosis (TB) infection research.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7973 mL	3.9865 mL	7.973 mL
5 mM	0.1595 mL	0.7973 mL	1.5946 mL
10 mM	0.0797 mL	0.3986 mL	0.7973 mL
50 mM	0.0159 mL	0.0797 mL	0.1595 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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