

## Antituberculosis agent-9

## Chemical Properties

CAS No. :

Formula: C<sub>25</sub>H<sub>29</sub>ClN<sub>4</sub>O

Molecular Weight: 436.98

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	Antituberculosis agent-9 (Compound 5a), an orally administered compound, demonstrates potent antitubercular activity, exhibiting a minimum inhibitory concentration (MIC) of 0.5 µg/mL against H37Ra [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2884 mL	11.4422 mL	22.8843 mL
5 mM	0.4577 mL	2.2884 mL	4.5769 mL
10 mM	0.2288 mL	1.1442 mL	2.2884 mL
50 mM	0.0458 mL	0.2288 mL	0.4577 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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