

## Mtb-cyt-bd oxidase-IN-3

## Chemical Properties

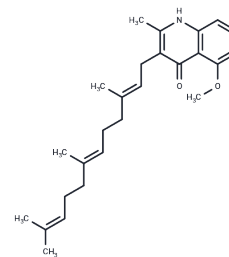
CAS No. :

Formula: C<sub>26</sub>H<sub>35</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 393.56

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	Mtb-cyt-bd oxidase-IN-3, an inhibitor of Mycobacterium tuberculosis cytochrome bd oxidase (Mtb cyt-bd oxidase), exhibits an IC <sub>50</sub> value of 0.36 μM and demonstrates an ability to inhibit the growth of Mycobacterium tuberculosis with an MIC of 32 μM. This compound is utilized in tuberculosis research.
Targets(IC <sub>50</sub> )	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5409 mL	12.7045 mL	25.4091 mL
5 mM	0.5082 mL	2.5409 mL	5.0818 mL
10 mM	0.2541 mL	1.2705 mL	2.5409 mL
50 mM	0.0508 mL	0.2541 mL	0.5082 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481