

## Mtb-IN-2

## Chemical Properties

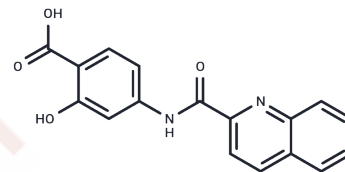
CAS No. : 2861190-30-7

Formula: C17H12N2O4

Molecular Weight: 308.29

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-IN-2 is a small molecule compound of Mycobacterium tuberculosis (Mtb) with antimicrobial activity and low toxicity that interferes with methionine metabolism processes and can be used to study tuberculosis.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2437 mL	16.2185 mL	32.437 mL
5 mM	0.6487 mL	3.2437 mL	6.4874 mL
10 mM	0.3244 mL	1.6218 mL	3.2437 mL
50 mM	0.0649 mL	0.3244 mL	0.6487 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.

## Reference

Nawrot DE, et al. Antimycobacterial pyridine carboxamides: From design to in vivo activity. Eur J Med Chem. 2023 Oct 5;258:115617.

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