

## MmpL3-IN-3

## Chemical Properties

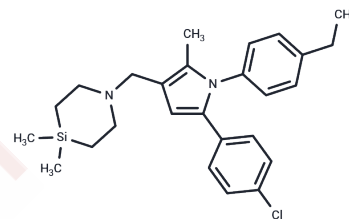
CAS No. : 1639438-67-7

Formula: C<sub>26</sub>H<sub>33</sub>ClN<sub>2</sub>Si

Molecular Weight: 437.09

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	MmpL3-IN-3 (Compound 12), an MmpL3 inhibitor, exhibits potent anti-tuberculosis activity with a minimum inhibitory concentration (MIC) of 0.1 $\mu$ M against H37Rv and demonstrates good metabolic stability in mouse liver microsomes. This compound is valuable for anti-tubercular research [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2879 mL	11.4393 mL	22.8786 mL
5 mM	0.4576 mL	2.2879 mL	4.5757 mL
10 mM	0.2288 mL	1.1439 mL	2.2879 mL
50 mM	0.0458 mL	0.2288 mL	0.4576 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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