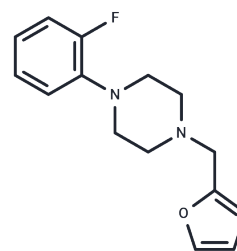


## Antibacterial agent 73

## Chemical Properties

CAS No. :	414885-92-0
Formula:	C15H17FN2O
Molecular Weight:	260.31
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	Antibacterial agent 73 (compound 7a) exhibits antitubercular, antibacterial, and antifungal activities, with promising antitubercular activity (MIC of 0.65 µg/mL) against Mtb H37Rv, and also demonstrates cytotoxicity in MCF-7 breast cancer cell lines (IC 50 of 8.20 µM) [1].
Targets(IC50)	Others, Antibacterial, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8416 mL	19.2079 mL	38.4157 mL
5 mM	0.7683 mL	3.8416 mL	7.6831 mL
10 mM	0.3842 mL	1.9208 mL	3.8416 mL
50 mM	0.0768 mL	0.3842 mL	0.7683 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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