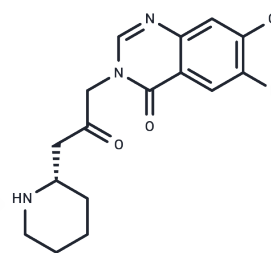


## Antibacterial agent 124

## Chemical Properties

CAS No. :	2304448-00-6
Formula:	C <sub>16</sub> H <sub>17</sub> ClFN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	337.78
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 124 is a potent inhibitor of bacterial prolyl-tRNA synthetase (ProRS), specifically targeting Staphylococcus aureus ProRS (Sa ProRS) with an inhibitory concentration (IC <sub>50</sub> ) of 0.18 μM.
Targets(IC <sub>50</sub> )	Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9605 mL	14.8025 mL	29.6051 mL
5 mM	0.5921 mL	2.9605 mL	5.921 mL
10 mM	0.2961 mL	1.4803 mL	2.9605 mL
50 mM	0.0592 mL	0.2961 mL	0.5921 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