

## Antibacterial agent 92

### Chemical Properties

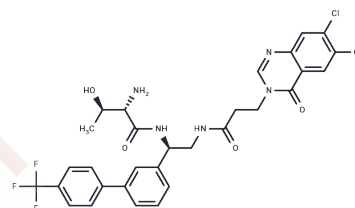
CAS No. :

Formula: C<sub>30</sub>H<sub>28</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>5</sub>O<sub>4</sub>

Molecular Weight: 650.48

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 92, a triple-site aminoacyl-tRNA synthetase (aaRS) inhibitor, demonstrates a potent antibacterial effect by inhibiting Salmonella enterica threonyl-tRNA synthetase (SeThrRS) with an IC <sub>50</sub> of 0.58 μM.
Targets(IC <sub>50</sub> )	Others,Antibacterial

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5373 mL	7.6866 mL	15.3733 mL
5 mM	0.3075 mL	1.5373 mL	3.0747 mL
10 mM	0.1537 mL	0.7687 mL	1.5373 mL
50 mM	0.0307 mL	0.1537 mL	0.3075 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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