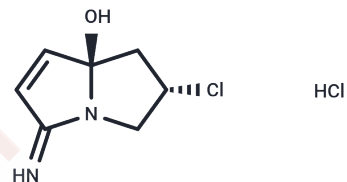


## Clazamycin A hydrochloride

## Chemical Properties

CAS No. : 71743-75-4  
 Formula: C<sub>7</sub>H<sub>9</sub>ClN<sub>2</sub>O.HCl  
 Molecular Weight: 209.07  
 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	Clazamycin A, a microbial metabolite and antibiotic derived from Streptomyces, exhibits efficacy against several bacteria, namely <i>S. aureus</i> , <i>B. anthracis</i> , <i>B. subtilis</i> , <i>E. coli</i> , and <i>P. aeruginosa</i> , with minimum inhibitory concentrations (MICs) of 100, 6.25, 100, 50, and 25 µg/ml, respectively.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7831 mL	23.9154 mL	47.8309 mL
5 mM	0.9566 mL	4.7831 mL	9.5662 mL
10 mM	0.4783 mL	2.3915 mL	4.7831 mL
50 mM	0.0957 mL	0.4783 mL	0.9566 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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