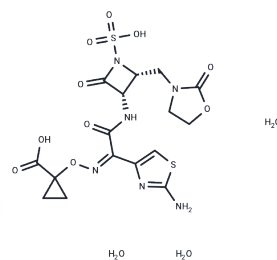


## LYS228 trihydrate

## Chemical Properties

CAS No. : 2091840-43-4  
 Formula: C<sub>16</sub>H<sub>24</sub>N<sub>6</sub>O<sub>13</sub>S<sub>2</sub>  
 Molecular Weight: 572.52  
 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	LYS228 (also known as Ancremonam) is a potent antibiotic effective against carbapenem-resistant Enterobacteriaceae bacteria (MIC <sub>90</sub> = 2 μM/mL). It demonstrates strong antibacterial activity against CRE isolates even in the presence of all classes of β-lactamases.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7467 mL	8.7333 mL	17.4666 mL
5 mM	0.3493 mL	1.7467 mL	3.4933 mL
10 mM	0.1747 mL	0.8733 mL	1.7467 mL
50 mM	0.0349 mL	0.1747 mL	0.3493 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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