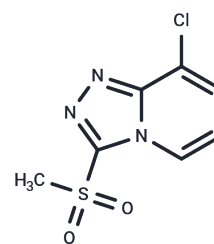


## Antibacterial agent 259

## Chemical Properties

CAS No. :	2090706-08-2
Formula:	C7H6ClN3O2S
Molecular Weight:	231.659
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 259 (K3) is a bactericide with EC50 values of 1.5, 1.7, and 4.9 mg/L against Xoo, Xoc, and Xac, respectively. It induces the production of reactive oxygen species (ROS) in pathogens, leading to their death. Antibacterial agent 259 is applicable in research for controlling bacterial diseases in plants.
Targets(IC50)	Reactive Oxygen Species, Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3167 mL	21.5834 mL	43.1667 mL
5 mM	0.8633 mL	4.3167 mL	8.6333 mL
10 mM	0.4317 mL	2.1583 mL	4.3167 mL
50 mM	0.0863 mL	0.4317 mL	0.8633 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