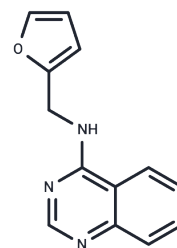


## Antibacterial agent 266

## Chemical Properties

CAS No. :	34116-16-0
Formula:	C13H11N3O
Molecular Weight:	225.246
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	Antibacterialagent 266 (Compound C5) is an inhibitor of plant pathogenic bacteria that disrupts the integrity of bacterial cell membranes. It exhibits an EC50 of 24.1 µg/mL against Xanthomonasoryzaepvoryzae (Xoo) and 39.0 µg/mL against X. axonopodispvcitri (Xac). Antibacterialagent 266 is valuable for research in plant pathology and the development of agricultural antibacterial agents.
Targets(IC50)	Antibacterial,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4395 mL	22.1976 mL	44.3951 mL
5 mM	0.8879 mL	4.4395 mL	8.879 mL
10 mM	0.444 mL	2.2198 mL	4.4395 mL
50 mM	0.0888 mL	0.444 mL	0.8879 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

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