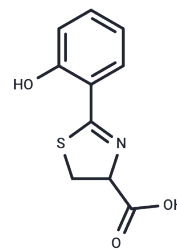


Dihydroaeruginoic Acid

Chemical Properties

CAS No. :	49608-51-7
Formula:	C ₁₀ H ₉ NO ₃ S
Molecular Weight:	223.25
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	Dihydroaeruginoic acid, an antibiotic sourced originally from <i>P. fluorescens</i> , exhibits antimicrobial efficacy in disc assays against diverse pathogens, including <i>R. solani</i> , <i>P. ultimum</i> , <i>B. cinerea</i> , <i>S. rolsii</i> , <i>C. gloeosporioides</i> , <i>F. oxysporum</i> , and <i>S. tritici</i> fungi, along with <i>B. subtilis</i> , <i>E. herbicola</i> , and <i>S. albus</i> bacteria, at a concentration of 200 µg/disc.
Targets(IC50)	Others,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4793 mL	22.3964 mL	44.7928 mL
5 mM	0.8959 mL	4.4793 mL	8.9586 mL
10 mM	0.4479 mL	2.2396 mL	4.4793 mL
50 mM	0.0896 mL	0.4479 mL	0.8959 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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