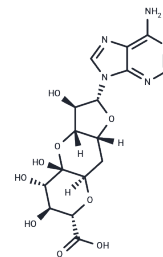


Aureonuclemycin

Chemical Properties

CAS No. :	123970-01-4
Formula:	C ₁₆ H ₁₉ N ₅ O ₉
Molecular Weight:	425.35
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	Aureonuclemycin, isolated from Staphylococcus aureus to obtain its biosynthetic gene cluster, exists in two forms: Type A and Type B. Aureonuclemycin A is a nucleoside antibiotic structurally similar to herbicides and contains adenine, while Aureonuclemycin B contains 5'-deoxyadenosine and exhibits antibacterial activity. Aureonuclemycin can be used in research on bacterial leaf blight in rice, citrus canker, and bacterial leaf spot in rice. [1] [2]
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.351 mL	11.755 mL	23.5101 mL
5 mM	0.4702 mL	2.351 mL	4.702 mL
10 mM	0.2351 mL	1.1755 mL	2.351 mL
50 mM	0.047 mL	0.2351 mL	0.4702 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