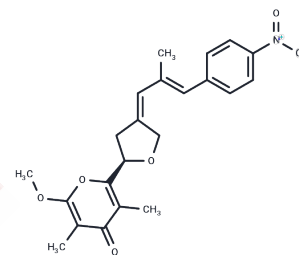


## Aureothin

## Chemical Properties

CAS No. :	2825-00-5
Formula:	C <sub>22</sub> H <sub>23</sub> NO <sub>6</sub>
Molecular Weight:	397.42
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	Aureothin is a natural nitroaryl-substituted polyketide that exhibits antitumor, antifungal, and insecticidal activities. It is a non-competitive inhibitor of NADH: ubiquinone oxidoreductase of bovine heart, <i>N. crassa</i> , and <i>E. coli</i> (IC <sub>50</sub> s = 0.07, 0.08, and 22 nmol/mg protein, respectively).
Targets(IC <sub>50</sub> )	Others, HIV Protease

## Solubility Information

Solubility	DMF: Soluble DMSO: Soluble Ethanol: Soluble ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5162 mL	12.5811 mL	25.1623 mL
5 mM	0.5032 mL	2.5162 mL	5.0325 mL
10 mM	0.2516 mL	1.2581 mL	2.5162 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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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