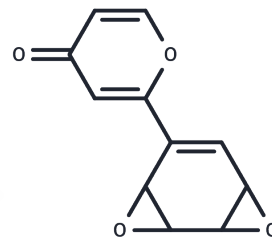


LL-Z1220

Chemical Properties

CAS No. : 36431-52-4
 Formula: C₁₁H₈O₄
 Molecular Weight: 204.18
 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	LL-Z1220 is an antibiotic with the structure 2-(3,8-dioxabicyclo[5.1.0]oct-5-en-5-yl)-4H-pyran-4-one. It is reportedly the first naturally occurring compound to contain a benzo-1,2-dioxepin group. This antibiotic easily undergoes valence tautomerization to form 1,4-dioxo bridge octane. The compound's chemical and spectroscopic properties indicate that the benzo-1,2-dioxepin has a cis configuration.
Targets(IC50)	Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8976 mL	24.4882 mL	48.9764 mL
5 mM	0.9795 mL	4.8976 mL	9.7953 mL
10 mM	0.4898 mL	2.4488 mL	4.8976 mL
50 mM	0.098 mL	0.4898 mL	0.9795 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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