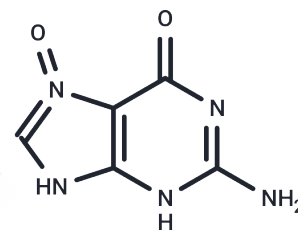


Guanine-7-oxide

Chemical Properties

CAS No. :	5227-68-9
Formula:	C ₅ H ₅ N ₅ O ₂
Molecular Weight:	167.126
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	Guanine-7-oxide (Guanine 7-N-oxide) is an antitumor antibiotic with antitumor and anti-Candida albicans activities. It inhibits the replication of viruses such as herpes virus, infectious hematopoietic necrosis virus (IHNV), and infectious pancreatic necrosis virus (IPNV). The compound also demonstrates significant activity against mouse L1210 leukemia cells.
Targets(IC50)	Antibiotic,Antifungal,HSV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9834 mL	29.9168 mL	59.8337 mL
5 mM	1.1967 mL	5.9834 mL	11.9667 mL
10 mM	0.5983 mL	2.9917 mL	5.9834 mL
50 mM	0.1197 mL	0.5983 mL	1.1967 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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