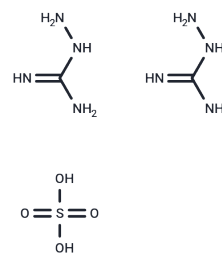


## Aminoguanidine hemisulfate

## Chemical Properties

CAS No. :	996-19-0
Formula:	CH6N4.1/2H2SO4
Molecular Weight:	123.115
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	Aminoguanidine hemisulfate, an inhibitor of nitric oxide synthases (NOS) and reactive oxygen species (ROS), effectively suppresses ANE-induced ROS production in vitro and is utilized in cancer research [1].
Targets(IC50)	Reactive Oxygen Species,ROS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.1222 mL	40.6108 mL	81.2216 mL
5 mM	1.6244 mL	8.1222 mL	16.2443 mL
10 mM	0.8122 mL	4.0611 mL	8.1222 mL
50 mM	0.1624 mL	0.8122 mL	1.6244 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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