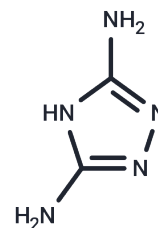


Guanazole

Chemical Properties

CAS No. :	1455-77-2
Formula:	C ₂ H ₅ N ₅
Molecular Weight:	99.1
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	Guanazole, a triazole-derived antimetabolite, functions as an RNR inhibitor. This compound suppresses mammalian ribonucleotide reductase activity and DNA synthesis by eliminating tyrosyl radicals, thereby exhibiting cytostatic properties.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.0908 mL	50.4541 mL	100.9082 mL
5 mM	2.0182 mL	10.0908 mL	20.1816 mL
10 mM	1.0091 mL	5.0454 mL	10.0908 mL
50 mM	0.2018 mL	1.0091 mL	2.0182 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481