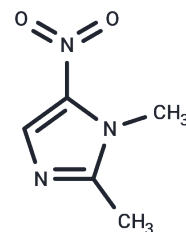


Dimetridazole

Chemical Properties

CAS No. :	551-92-8
Formula:	C ₅ H ₇ N ₃ O ₂
Molecular Weight:	141.13
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Dimetridazole (1, 2-Dimethyl-5-nitroimidazole) is a drug that combats protozoan infections. It is a nitroimidazole class drug. It has been banned by the Canadian government as a livestock feed additive.
Targets(IC50)	Antibiotic,Parasite

Solubility Information

Solubility	DMSO: 25 mg/mL (177.14 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0857 mL	35.4283 mL	70.8567 mL
5 mM	1.4171 mL	7.0857 mL	14.1713 mL
10 mM	0.7086 mL	3.5428 mL	7.0857 mL
50 mM	0.1417 mL	0.7086 mL	1.4171 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.

Reference

Dalton P. Vet Rec. 1996 Oct 19;139(16):399.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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