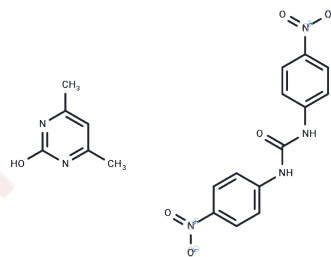


Nicarbazin

Chemical Properties

CAS No. :	330-95-0
Formula:	C ₁₉ H ₁₈ N ₆ O ₆
Molecular Weight:	426.38
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	Nicarbazin (Nicoxin) is an equimolar complex of 4, 4'-Dinitrocarbanilide and 2-Hydroxy-4, 6-dimethylpyrimidine. A coccidiostat for poultry.
Targets(IC50)	Antibiotic,Parasite

Solubility Information

Solubility	DMSO: 1 mg/mL (2.35 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	2.3453 mL	11.7266 mL	23.4533 mL
5 mM	0.4691 mL	2.3453 mL	4.6907 mL
10 mM	0.2345 mL	1.1727 mL	2.3453 mL
50 mM	0.0469 mL	0.2345 mL	0.4691 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.

Reference

Danaher M, et al. Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2008 Jan;25(1):32-40. Epub 2007 Oct 22.

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