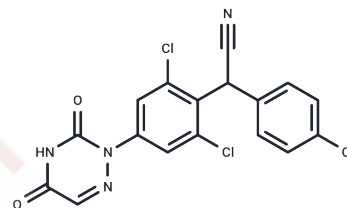


Diclazuril

Chemical Properties

CAS No. : 101831-37-2
 Formula: C₁₇H₉Cl₃N₄O₂
 Molecular Weight: 407.64
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Diclazuril (R-64433) is a coccidiostat.
Targets(IC50)	Antibiotic,Parasite

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 18.33 mg/mL (44.97 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	2.4531 mL	12.2657 mL	24.5314 mL
5 mM	0.4906 mL	2.4531 mL	4.9063 mL
10 mM	0.2453 mL	1.2266 mL	2.4531 mL
50 mM	0.0491 mL	0.2453 mL	0.4906 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

Oz HS, et al. Int J Clin Med. 2014 Jan 1;5(3):93-101.

Kaduk J A, Gates-Rector S, Blanton T N.Crystal structure of diclazuril, C₁₇H₉Cl₃N₄O₂.Powder Diffraction.2022: 1-5.

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