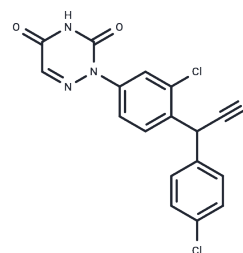


Clazuril

Chemical Properties

CAS No. :	101831-36-1
Formula:	C ₁₇ H ₁₀ Cl ₂ N ₄ O ₂
Molecular Weight:	373.19
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	Clazuril is an anticoccidial drug that inhibits both asexual and sexual developmental stages of Eimeria labbeana and E. columbarum, disrupting their life cycles.
Targets(IC50)	Parasite
In vivo	Clazuril (2.5 mg/pigeon) inhibits oocyst shedding, but oocysts reappear in feces 3 to 5 weeks after treatment [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6796 mL	13.398 mL	26.796 mL
5 mM	0.5359 mL	2.6796 mL	5.3592 mL
10 mM	0.268 mL	1.3398 mL	2.6796 mL
50 mM	0.0536 mL	0.268 mL	0.5359 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

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Vercruysse J. Efficacy of toltrazuril and clazuril against experimental infections with *Eimeria labbeana* and *E. columbarum* in racing pigeons. *Avian Dis.* 1990;34(1):73-79.

Maes L, et al. Veiligheid van een nieuw anti-coccidiosemiddel clazuril tijdens de kweekperiode bij postduiven [Safety of a new anticoccidial agent, clazuril, during reproduction in carrier pigeons]. *Tijdschr Diergeneeskd.* 1988; 113(4):195-204.

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