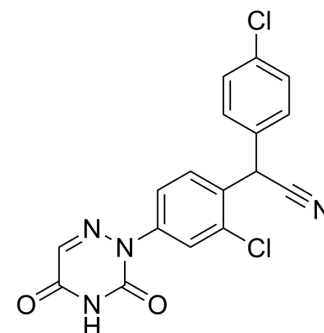


Clazuril

| | |
|--------------------|---|
| Cat. No.: | HY-101000 |
| CAS No.: | 101831-36-1 |
| Molecular Formula: | C ₁₇ H ₁₀ Cl ₂ N ₄ O ₂ |
| Molecular Weight: | 373.19 |
| Target: | Parasite |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | Clazuril (R62690) has a coccidiocidal effect on the asexual and sexual developmental stages of both <i>Eimeria</i> species, resulting in a complete interruption of the life cycle ^[1] . |
| IC ₅₀ & Target | Coccidia |
| In Vivo | Clazuril (2.5 mg/pigeon) results in a rapid suppression of oocyst excretion, but oocysts are again observed in the feces 20 days after treatment. The fact that oocysts appears again in the feces 3 to 5 weeks after treatment can probably be explained only by a persistence of endogenous stages, which are not affected during treatment, rather than by a reinfection ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. W Coussement, et al. Action of the anticoccidial clazuril on the endogenous stages of *Eimeria labbeana* and *E. columbarum* in experimentally infected pigeons. *Res Vet Sci.* 1988 Jul;45(1):117-9.

[2]. J Vercruyse, et al. Efficacy of toltrazuril and clazuril against experimental infections with *Eimeria labbeana* and *E. columbarum* in racing pigeons. *Avian Dis.* Jan-Mar 1990;34(1):73-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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