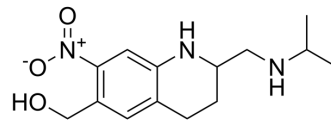


Oxamniquine

Cat. No.:	HY-10416
CAS No.:	21738-42-1
Molecular Formula:	C ₁₄ H ₂₁ N ₃ O ₃
Molecular Weight:	279
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Oxamniquine is a potent agent for the treatment of schistosomiasis.
IC ₅₀ & Target	Schistosome
In Vitro	Oxamniquine is a potent agent for the treatment of schistosomiasis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	Oxamniquine (500 mg/kg) alone or Oxamniquine (250 mg/kg) in combination with praziquantel reduces the mortality of infected snails compared to the control group ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mattos AC, et al. Evaluation of the effect of oxamniquine, praziquantel and a combination of both drugs on the intramolluscan phase of *Schistosoma mansoni*. Acta Trop. 2007 May;102(2):84-91.

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

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