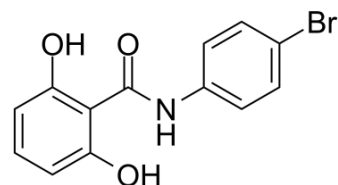


Resorantel

Cat. No.:	HY-121477
CAS No.:	20788-07-2
Molecular Formula:	C ₁₃ H ₁₀ BrNO ₃
Molecular Weight:	308.13
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Resorantel is an anthelmintic ^[1] . Resorantel is used in the research of paramphistomiasis in cattle and sheep and has also been used for the research of <i>G. aegypticus</i> ^[2] .								
In Vivo	<p>Resorantel (65 mg/kg, a single oral dose) possesses efficacy against paramphistomiasis in naturally infected sheep^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1"> <tr> <td>Animal Model:</td> <td>Five flocks of sheep in different villages of Haryana^[1].</td> </tr> <tr> <td>Dosage:</td> <td>65 mg/kg.</td> </tr> <tr> <td>Administration:</td> <td>A single oral dose.</td> </tr> <tr> <td>Result:</td> <td>None of the treated sheep died of enteric paramphistomiasis. The clinical signs disappeared within 2 to 3 days of the treatment and their appetite and general condition improved. No ill effects of the drug were noticed. Of the untreated sheep, 35 % died with a range of 24-52 % in the different flocks. Many of the other untreated sheep continued to exhibit clinical signs of paramphistomiasis.</td> </tr> </table>	Animal Model:	Five flocks of sheep in different villages of Haryana ^[1] .	Dosage:	65 mg/kg.	Administration:	A single oral dose.	Result:	None of the treated sheep died of enteric paramphistomiasis. The clinical signs disappeared within 2 to 3 days of the treatment and their appetite and general condition improved. No ill effects of the drug were noticed. Of the untreated sheep, 35 % died with a range of 24-52 % in the different flocks. Many of the other untreated sheep continued to exhibit clinical signs of paramphistomiasis.
Animal Model:	Five flocks of sheep in different villages of Haryana ^[1] .								
Dosage:	65 mg/kg.								
Administration:	A single oral dose.								
Result:	None of the treated sheep died of enteric paramphistomiasis. The clinical signs disappeared within 2 to 3 days of the treatment and their appetite and general condition improved. No ill effects of the drug were noticed. Of the untreated sheep, 35 % died with a range of 24-52 % in the different flocks. Many of the other untreated sheep continued to exhibit clinical signs of paramphistomiasis.								

REFERENCES

- [1]. R P Gupta, et al. Efficacy of resorantel against paramphistomiasis in naturally infected sheep. *Trop Anim Health Prod.* 1981 Feb;13(1):35-6.
- [2]. Swan GE. The pharmacology of halogenated salicylanilides and their anthelmintic use in animals. *J S Afr Vet Assoc.* 1999;70(2):61-70.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA