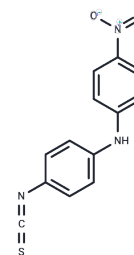


Amoscanate

Chemical Properties

CAS No. :	26328-53-0
Formula:	C ₁₃ H ₉ N ₃ O ₂ S
Molecular Weight:	271.29
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	Amoscanate is an antiparasitic agent. It is highly effective in animals against the four major species of schistosomes which infect humans.
Targets(IC50)	Others,OXPPOS,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6861 mL	18.4305 mL	36.8609 mL
5 mM	0.7372 mL	3.6861 mL	7.3722 mL
10 mM	0.3686 mL	1.843 mL	3.6861 mL
50 mM	0.0737 mL	0.3686 mL	0.7372 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

- Leitch B, Probert AJ. Schistosoma haematobium: amoscanate and adult worm ultrastructure. Exp Parasitol. 1984 Dec;58(3):278-89. PubMed PMID: 6500001.
- Nelson NF, Saz HJ. Hymenolepis diminuta: effects of amoscanate on energy metabolism and ultrastructure. Exp Parasitol. 1983 Aug;56(1):55-69. PubMed PMID: 6409659.
- Walter RD, Albiez EJ. Interaction of amoscanate with the cyclic AMP-phosphodiesterases from Schistosoma mansoni, Onchocerca volvulus and bovine heart. Tropenmed Parasitol. 1984 Jun;35(2):78-80. PubMed PMID: 6087521.
- Voge M, Bueding E. Schistosoma mansoni: tegumental surface alterations induced by subcurative doses of the schistosomicide amoscanate. Exp Parasitol. 1980 Oct;50(2):251-9. PubMed PMID: 7409075.

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