

Praziquantel

Catalog No: tcsc2223



Available Sizes

Size: 5g



Specifications

CAS No:

55268-74-1

Formula:

$C_{19}H_{24}N_2O_2$

Pathway:

Anti-infection

Target:

Parasite

Purity / Grade:

>98%

Solubility:

H₂O :

Observed Molecular Weight:

312.41

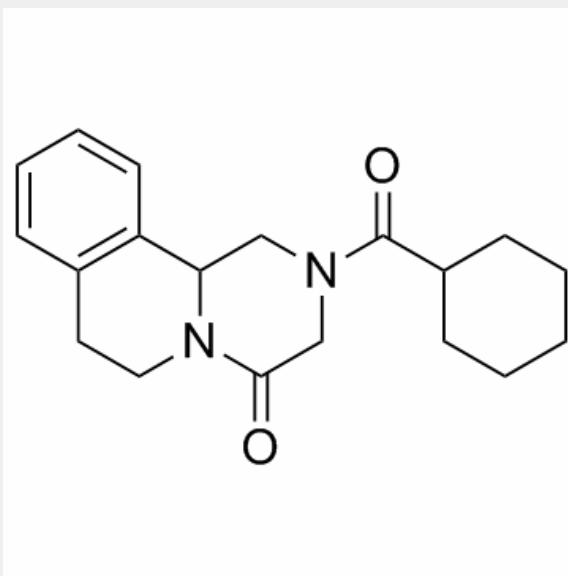
Product Description

Praziquantel is an anthelmintic effective against flatworms.

Target: Antiparasitic

Praziquantel is the drug of choice for treatment of all human schistosomes. Infected mice were treated with increasing Praziquantel doses until the highest dose of 3 × 300 mg/Kg was reached. The effect of Praziquantel treatment on the parasite population was assessed using five polymorphic microsatellite markers. Parasitological and genetic data were compared with those of the untreated control. After six parasite generations submitted to treatment, it was possible to obtain a *S. mansoni* population with decreased

susceptibility to Praziquantel. In our experiments we also observed that female worms were more susceptible to Praziquantel than male worms [1, 2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!