

Oxfendazole

Catalog No: tcsc2305



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

53716-50-0

Formula:

$C_{15}H_{13}N_3O_3S$

Pathway:

Anti-infection

Target:

Parasite

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

315.35

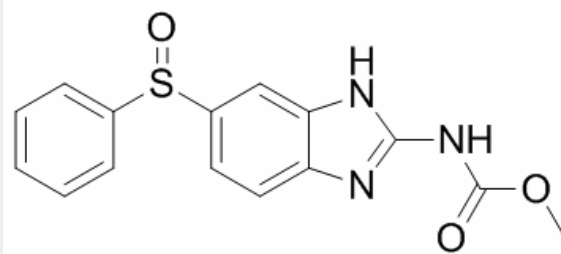
Product Description

Oxfendazole is the sulfoxide form of fenbendazole which is a broad spectrum benzimidazole anthelmintic.

Target: Antiparasitic

Oxfendazole is the sulfoxide form of fenbendazole, a broad spectrum benzimidazole anthelmintic. Its main use is for protecting livestock against roundworm, strongyles and pinworms.[1]. Pigs in the treated group received Oxfendazole orally at 30 mg/kg dose.

At five days post-treatment, animals were sacrificed and the clinical efficacy of the Oxfendazole treatment was established following the currently available WAAVP guidelines for a controlled efficacy test. None of the animals involved in this experiment showed any adverse events during the study. Oxfendazole treatment given as a single 30 mg/kg oral dose showed a 100% efficacy against all the nematode parasites present in the three experiments. In conclusion, under the current experimental conditions, Oxfendazole orally administered to naturally parasitized piglets at a single dose of 30 mg/kg was safe and highly efficacious (100%) against adult stages of *A. suum*, *Oesophagostomum* spp., *T. suis* and *Metastrongylus* spp [1].



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