Triclabendazole, HRP conjugate

DAG1326

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Triclabendazole, HRP conjugate
Antigen Description	Triclabendazole, the active ingredient, is a benzimidazole. It binds to tubulin impairing intracellular transport mechanisms and interferes with protein synthesis. Triclabendazole is specifically active against Fasciola, Fascioloides and Paragonimus. The unique efficacy of FASINEX against the early immature and immature Fasciola stages makes this product particularly useful for the treatment of outbreaks of acute and subacute fasciolosis and for the strategic control of Fasciola infections. In addition, the efficacy against the 3 stages accelerates recovery of health and thus productivity. FASINEX is indicated for the treatment and control of acute, subacute and chronic fasciolosis due to early immature, immature and adult stages of Fasciola hepatica and Fasciola gigantica in cattle, sheep and goats.
Source	Anthelminitics
Conjugate	HRP
Form	concentrate
Characteristic	Each conjugate comprises antigen covalently bound to horseradish peroxide and is suitable as a tracer in immunoassay development

PACKAGING

Storage	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.

BACKGROUND

Introduction	Triclabendazole is a member of the benzimidazole family of anthelmintics. The benzimidazole drugs share a common molecular structure, triclabendazole being the exception in having a chlorinated benzene ring but no carbamate group. Triclabendazole was initially only developed as an oral route drug, and displays high efficacy against both immature and adult liver flukes. Benzimidazoles such as triclabendazole are generally accepted to bind to beta-tubulin and prevent the polymerisation of the microtubules of which they are part.
Keywords	Triclabendazole; veterinary; Fasinex; Egaten; 5-chloro-6-(2,3-dichlorophenoxy)-2-(methylthio)-1H-benzimidazole; 6-CHLORO-5-(2,3-DICHLOROPHENOXY)-2-METHYLTHIO-BENZIMIDAZOLE

REFERENCES

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