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Type of document:

TECHNICAL DATA SHEET

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6.0

87786-PRAZIQUANTEL

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.

1.1 Identification of the substance or preparation.

Name: Praziquantel

Bulk code: 87786

1.2 Synonyms.

No information available.

2. DESCRIPTION

Appearance: Crystalline powder.

Colour: White or almost White.

Presents polymorphism.

3. COMPOSITION/INFORMATION ON COMPONENTS.

Formula: $C_{19}H_{24}N_2O_2$

CAS: 55268-74-1

Molecular weight: 312.4 g/mol

4. PHYSICO-CHEMICAL DATA.

See detailed specifications in analysis bulletin.

Solubility: Very poorly soluble in water, freely soluble in ethanol (96 percent) and in methylene chloride.

Melting point: 136°C

5. PROPERTIES/USES.

ACTIVE PHARMACEUTICAL INGREDIENT.

Praziquantel is an anthelmintic agent in the isoquinolone family with activity against a broad spectrum of trematodes (flukes) and cestodes (tenicide).

It is very effective against adults and juveniles of *Echinococcus granulosus* and *Echinococcus multilocularis*, but not against the larvae of hydatid cysts. It is equally effective against other cestodes (e.g., *Dipylidium caninum* and *Taenia* spp.). It has an excellent activity against *Cysticercus bovis*, *Taenia saginata*, and *Cysticercus ovis*, *Taenia*



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ovis. It is also effective against some trematodes, e.g., *Eurytrema pancreaticum*, the pancreas fluke and against *Schistosoma* spp.

It is used in combination with nematicides.

Praziquantel is given orally with food.

6. DOSAGE.

According to prescription depending on species.

7. REMARKS.

STORAGE:

Store at room temperature ($25\pm 2^{\circ}\text{C}$), in a cool, dry place, away from sunlight, in a tightly closed container.

The product has been handled in a NON-sterile room; for batches suitable for sterile use, check availability.

8. BIBLIOGRAPHY.

"Martindale. The Extra Pharmacopoeia". 37th Edition. Ed. The Pharmaceutical Press. London. (2011).

https://parasitipedia.net/index.php?option=com_content&view=article&id=226&Itemid=313