

SINVIRAX

ORAL

METHISOPRINOL
IMMUNOSTIMULANT

PHARMACEUTICAL FORM

Oral solution

COMPOSITION

Each 100 ml contains:
Methisoprinol 12 g
Excipients q.s. 100 mL

SPECIES

- Canine
- Feline

DOSAGE

SPECIE	REFERENCE DOSE	PRACTICAL DOSE
 Canines	50-75 mg/Kg	5 mL / 10 Kg b.w
 Felines	50 mg/Kg	1mL / 2,5 Kg b.w

Route of Administration: Oral

- Administer every 24 hours.
- Treatment should be complementary with the use of antibiotics, antipyretics, rehydration salts, antidiarrheal drugs, depending on the case and the Veterinarian's criteria.
- The duration of treatment is up to 48 hours after the disappearance of symptoms.

INDICATIONS AND USE

SINVIRAX ORAL is indicated as an immunostimulant. Stimulates the production and increases the function of T and natural killer (NK) cells, increases the activity of the cells (therefore, the production of immunoglobulin). It intensifies phagocytic activity and prevents viral replication, suppressing RNA synthesis. It allows a near disappearance of clinical signs and recovery of infectious condition. It can be used in pregnant and lactating females.

ROUTE OF ADMINISTRATION

•ORAL

PHARMACOKINETICS

Methisoprinol is rapidly absorbed reaching high blood and urinary concentrations. Blood concentrations persist for 3 to 6 hours, the highest concentration is reached between the second and third hour. It is rapidly

metabolized, being excreted almost exclusively with urine, in 90% in the form of allantoin and uric acid. Its elimination half-life is 0.85 hours.

MECHANISM OF ACTION

Methisoprinol has a double mechanism of action that allows a prompt and vigorous response of the immunity system while preventing viral replication, causing a prompt disappearance of clinical symptoms.

The increase in the response of the third natural barrier of the organism (immune system) against infecting antigens is produced by a stimulation in the production and increase of the function of T cells or T lymphocytes, support for the function of natural killer cells (NK), increase in the activity of B cells (thus increasing the production of immunoglobulins). Finally, the phagocytic activity is intensified so it occurs a strengthening of the immune response at the cellular and humoral level.

These biochemical changes produce marked elevation of the synthesis of proteins and nucleic acids of the cells, preserving the structure and function of the cellular polyribosomes reinforcing the hydrogen bridges in the polyribosomes of the host cell.

Methisoprinol is an antiviral and immunomodulator, which acts by suppressing the viral synthesis of RNA and increases the immune response of T lymphocytes and macrophages.

CONTRAINDICATIONS WARNINGS OR PRECAUTIONS

- Do not use in patients with hyperuricemia, gout, urolithiasis or renal disorders.
- Administer the product at the recommended doses and intervals.
- In case of allergic reactions, discontinue use.

INCOMPATIBILITIES

None reported.

ADVERSE REACTIONS

Allergic reactions may occur

STORAGE

Storage in a cool, dry place, protect from light at a temperature between 15 °C and 30 °C.

Keep out of the reach of children and pets.

SALE

Veterinary prescription only

Ecuador Reg. N°: 9B3-2-11167-AGROCALIDAD
Kingdom of Bahrain Distributor in GCC
Arsan for veterinary services
Info@arsan.vet
+973 37773682

Elaborated and distributed by: **FARBIO PHARMA S.A.**
Address: Guayas Street N° E3-296 and Pichincha Ave.
Location Lomas de la Concepción, way to Pintag.
Phone: (593) 2 5240501 - 2794046 - 2794031
+593 99 968 4047 / +593 99 164 6785
CUSTOMER SERVICE: 1800327246
www.farbiopharma.com / Quito - Ecuador

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