

Nizox

Nitazoxanide INN
Tablet & Powder for Suspension

Nizox (Nitazoxanide) is a synthetic antiprotozoal agent. It is well absorbed from GIT. When Nitazoxanide is administered with food, the AUC in plasma is increased almost two-fold and C_{max} is increased by almost 5%. The antiprotozoal activity of Nitazoxanide is believed to be due to interference with the pyruvate ferredoxin enzyme dependant electron transfer reaction that is essential to anaerobic energy metabolism. This results in cell swelling, membrane damage resulting in dysfunction of the parasite.

Composition

Nizox Tablet : Each film coated tablet contains Nitazoxanide INN 500 mg.

Nizox Powder for Suspension: When reconstituted each 5 ml suspension contains Nitazoxanide INN 100 mg.

Indication

- 1) Diarrhoea caused by *Giardia lamblia* or *Cryptosporidium parvum*.
- 2) Amebiasis and helminth infections.

Dosage and Administration

Indication	Age	Dosage	Duration
Diarrhoea caused by <i>Giardia lamblia</i> or <i>Cryptosporidium parvum</i> and Amebiasis and helminth infections.	1-3 years	Suspension 5 ml (1 teaspoonful) twice daily with food	3 days
	4-11 years	Suspension 10 ml (2 teaspoonfuls) twice daily with food	
	≥ 12 years	1 tablet or 25 ml suspension (5 teaspoonfuls) twice daily with food	

The tablet or suspension should be taken with food.

Side Effects

Nitazoxanide is generally well tolerated. However abdominal pain, diarrhoea, vomiting and headache have been reported rarely.

Use in Pregnancy and Lactation

Pregnancy Category B: This drug should be used during pregnancy only if clearly needed.

Nursing Mothers: It is not known whether Nitazoxanide is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when Nitazoxanide is administered to a nursing woman.

Contraindications

Nitazoxanide is contraindicated in patients with a prior hypersensitivity to Nitazoxanide or any other ingredient in this formulations.

Precautions

Nitazoxanide should be administered with caution to patients with hepatic, renal and biliary disease.

Drug Interactions

Nitazoxanide is highly bound to plasma protein (>99.9%). Therefore, caution should be used when administering Nitazoxanide concurrently with other highly plasma protein-bound drugs with narrow therapeutic indices.

Overdosage

Information on Nitazoxanide overdosage is not available. Single oral doses of up to 4,000 mg Nitazoxanide have been administered to healthy adult volunteers without significant adverse effects. In the event of overdose, gastric lavage may be performed. Patients should be carefully observed and given symptomatic and supportive treatment.

Storage

- Store in cool and dry place, protect from light.
- Keep out of reach of children
- Once reconstituted, suspension should be used within 7 days.

Packaging

Nizox Tablet: Each Box contains 3 x 4 tablets in alu-alu blister pack.

Nizox 30 ml Powder for Suspension : Each bottle contains Nitazoxanide powder to be reconstituted into 30 ml suspension.



Manufactured by
SOMATEC PHARMACEUTICALS LTD.
SARULIA, DEMRA, DHAKA, BANGLADESH.