

Folidid

Folinic Acid BP Tablet

Composition

Folidid 5 Tablet: Each tablet contains Calcium Folate Hydrate BP equivalent to Folinic Acid 5 mg.

Pharmacology

Calcium Folate is a Calcium salt (Leucovorin Calcium) of Folinic acid, is a mixture of the diastereoisomers of the 5-formyl derivative of Tetrahydrofolic Acid. It is a metabolite of Folic Acid and able to bypass DHFR reduction, which acts as a cellular substitute for the co-factor THF, thereby used in cytotoxic therapy. Folic Acid is an essential B vitamin required by the body for the synthesis of purines, pyrimidines, and methionine before incorporation into DNA or protein. However, in order to function in this role, it must first be reduced by the enzyme dihydrofolate reductase (DHFR) into the co-factors dihydrofolate (DHF) and tetrahydrofolate (THF).

Indication

It is indicated for

- Osteosarcoma.
- To diminish the toxicity and counteract the effects of impaired Methotrexate elimination.
- Megaloblastic anemia due to folate deficiency in malnutrition.
- Megaloblastic anemia in pregnancy and infancy.
- All folate deficiencies.

Dose and Administration

a) *Route of administration:* Oral

- Osteosarcoma: 7.5 mg every 6 hours for 60 hours.
- Reduction of harmful effects of folic acid antagonists: 5-15 mg every 6 hours for 2 to 3 days.
- Megaloblastic anemia in malnutrition: 5-15 mg daily.
- Megaloblastic anemia in pregnancy and infancy: 5-15 mg daily.
- Folate deficiencies: As directed by the physician.

Contra-Indication

Calcium Folate therapy is contraindicated for the following:

- Known hypersensitivity to Calcium Folate, or to any component of the product formulation.
- Pernicious anemia or other Megaloblastic anemia where Vitamin B₁₂ is deficient

Warning & Precaution

- Calcium Folate treatment may mask pernicious anemia and other Magaloblastic anemia resulting from Vitamin B₁₂ deficiency.
- Calcium Folate should only be used with 5-fluorouracil or Methotrexate under the direct supervision of a clinician experienced in the use of cancer chemotherapeutic agents.

Side Effects

a) *Common:* Allergic reaction - one may experience a sudden itchy rash (hives), swelling of the hands, feet, ankles, face, lips, mouth or throat (which may cause difficulty in swallowing or breathing)

b) *Rare:* Sudden fainting

Use in Pregnancy and Lactation

Not known to be harmful for pregnant women. It may be given if benefit outweighs risk during pregnancy. Presence in milk is unknown in lactation.

Drug Interaction

a) *With Medicine:* Many cytotoxic medicinal products - direct or indirect DNA synthesis Inhibitors (hydroxycarbamide, cytarabine, mercaptopurine, thioguanine) lead to macrocytosis, such macrocytosis should not be treated with Folinic acid. In epileptic patients treated with Phenobarbital, Phenytoin, Primidone, and Succinimides, there is a risk to increase the frequency of seizures due to a decrease of plasma concentrations of anti-epileptic drug.

b) *With food & others:* No adequate data are available.

Overdose

There have been no reported sequelae in patients who have received significantly more Calcium Folate than the recommended dosage. However, excessive amounts of Calcium Folate may nullify the chemotherapeutic effect of folic acid antagonists.

Storage

Store below 30°C. Protect from light and moisture. Keep all medicines out of reach of children.

Packing

Folidid 5 Tablet: Each box contains 30 (3x10's) tablets in alu-alu blister pack.



Manufactured by

ONE PHARMA LTD.

C-23-24, BSCIC I/A

Bogura, Bangladesh

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