

Virux[®]

Aciclovir

Virux[®] tablet contains Aciclovir which is a synthetic purine derivative. Aciclovir exerts its antiviral effect on herpes simplex virus (HSV) and varicella-zoster virus by interfering with DNA synthesis and inhibiting viral replication.

In cells infected with herpes virus, the antiviral activity of Aciclovir appears to depend principally on the intracellular conversion of the drug to Aciclovir Triphosphate. Aciclovir is converted to Aciclovir Monophosphate principally via virus coded thymidine kinase the monophosphate is phosphorylated to the diphosphate via cellular guanylate kinase and then via other cellular enzyme to the triphosphate which is the pharmacologically active form of the drug. 15-30% of an oral dose of the drug is absorbed from GI tract. Peak plasma concentrations usually occur within 1.5 - 2 hours after oral administration. It is widely distributed into body tissues and fluids including the brain, saliva, lung, liver, muscle, spleen, uterus, vaginal mucosa and secretions, CSF, and herpetic vesicular fluid. Aciclovir is excreted through the kidney by the glomerular filtration & tubular secretion.

COMPOSITION

Virux[®] 200: Each tablet contains Aciclovir BP 200 mg.

Virux[®] 400: Each tablet contains Aciclovir BP 400 mg.

INDICATION

Virux[®] tablet is indicated for the treatment of viral infections due to herpes simplex virus (type I & II) and varicella zoster virus (herpes zoster & chickenpox).

Virux[®] tablet is indicated for the treatment of herpes simplex virus infections of the skin and mucous membranes including initial and recurrent genital herpes.

Virux[®] tablet is also indicated for the prophylaxis of herpes simplex infections in immunocompromised patients.

DOSAGE AND ADMINISTRATION

Treatment of initial herpes simplex: 200 mg 5 times daily usually for 5 days. For immunocompromised patients 400 mg 5 times daily for 5 days or as directed by the registered physician.

Children under 2 years: half of the adults dose.

Children over 2 years: Adult dose.

Treatment of herpes simplex and prevention of recurrence: 200 mg 4 times daily or 400 mg twice daily possibly reduced to 200 mg 2 or 3 times daily and interrupted every 6-12 months.

Prophylactic treatment of herpes simplex in the immunocompromised: 200 to 400 mg 4 times daily.

Children under 2 years: Half of the adult dose.

Children over 2 years: Adult dose.

Treatment of varicella (chicken pox): Adult and children over 40 kg - 800 mg 4 times daily for 5 days.

Children 2 years of age and older (below 40 kg) : 20 mg / kg per dose orally 4 times daily (80 mg / kg/day) for 5 days.

Treatment of herpes zoster (Shingles): 800 mg 5 times daily for 7 days. For the treatment of initial rectal (Proctitis) herpes infections an oral Aciclovir dosage of 400 mg 5 times daily for 10 days or until clinical resolution occurs has been recommended.

USE IN PREGNANCY

Pregnancy category B. There is no adequate and well controlled studies in pregnant women. Aciclovir should not be used during pregnancy unless the potential benefit justifies the potential risk to the foetus. Caution should be exercised when it is administered to a nursing mother.

CONTRAINDICATION

Aciclovir tablet is contraindicated in patients known to be hypersensitive to Aciclovir.

PRECAUTION AND WARNING

Aciclovir should be administered with caution to patient with renal impairment and doses should be adjusted according to creatinine clearance.

DRUG INTERACTION

Probenecid reduces Aciclovir excretion and so increases plasma concentration and risk of toxicity.

SIDE EFFECT

Rashes, gastro-intestinal disturbances, rises in bilirubin and liver-related enzymes, increases in blood urea and creatinine, decreases in hematological indices, headache, neurological reactions, fatigue.

PHARMACEUTICAL PRECAUTION

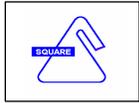
Virux[®] tablet should be stored below 25⁰ C. Protect from light and moisture. Keep drugs out of the reach of children.

HOW SUPPLIED

Virux[®] 200 : Each box containing 3X10 tablets in blister pack.

Virux[®] 400 : Each box containing 2X10 tablets in blister pack.

Manufactured by:



SQUARE
Pharmaceuticals Ltd.
Bangladesh

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