

Doxtrovir Tablet®
Dothiepin Hydrochloride

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TAJ PHARMACEUTICALS LIMITED

“Working for healthier India”

Composition

Lamivudine.....150 mg
Zidovudine USP.....300 mg

Indications

Dectrovir is indicated for the treatment of HIV infection, as part of combination therapy.

Description

Lamivudine is a cytosine analog. After lamivudine is triphosphorylated, it inhibits HIV reverse transcription via viral DNA chain termination and inhibits RNA- and DNA-dependent DNA polymerase activities of reverse transcriptase.

The monophosphate form of lamivudine is incorporated into the viral DNA by hepatitis B virus polymerase, resulting in DNA chain termination.

Lamivudine is an analogue of cytidine. It can inhibit both types (1 and 2) of HIV reverse transcriptase and also the reverse transcriptase of hepatitis B. It needs to be phosphorylated to its triphosphate form before it is active. 3TC-triphosphate also inhibits cellular DNA polymerase.

Lamivudine is administered orally, and it is rapidly absorbed with a bio-availability of over 80%. Some research suggests that lamivudine can cross the blood-brain barrier. Lamivudine is often given in combination with zidovudine, with which it is highly synergistic. Lamivudine treatment has been shown to restore zidovudine sensitivity of previously resistant HIV. Several mutagenicity tests show that lamivudine should not show mutagenic activity in therapeutical doses.

Zidovudine (Retrovir), formerly known as azidothymidine (AZT), to inhibit replication of human immunodeficiency virus (HIV). Zidovudine is a member of a class of compounds called dideoxynucleosides. It is a thymidine analog.

CONTRAINDICATIONS

Dectrovir tablets are contraindicated in patients with previously demonstrated clinically significant hypersensitivity to any of the components of the product.

Warning

Retrovir (zidovudine) has been associated with hematologic toxicity including neutropenia and severe anemia particularly in patients with advanced human immunodeficiency virus (HIV) disease (see warnings). Prolonged use of Retrovir has been associated with symptomatic myopathy.

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Dosage

The recommended oral dose of Dectrovir for adults and adolescents (at least 12 years of age) is one tablet (containing 150 mg of lamivudine and 300 mg of zidovudine) twice daily with or without food or as per the physician's advice.

Presentations

10 tablets
60 tablets (Container)

Note : This product information is intended only for residents of the India. Taj Pharmaceuticals Limited, medicines help to treat and prevent a range of conditions—from the most common to the most challenging—for people around the world.

Information for Health Care Professionals

*** Please consult local Prescribing Information for any product before use. This website is an international information resource for healthcare professionals with an interest in disease management. This website is not intended to replace the advice of a qualified healthcare professional. Above brand is a trademark of the Taj group of companies (Taj Pharmaceuticals Limited).

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