

Desloratadine

Description:

Each Aeriallerg® tablet contains 5.0 mg of designatedine.

In-active ingredients:

Mannitol, Microcrystalline cellulose, Sodium starch glycolate, Colloidal silicon dioxide, Magnesium stearste, Opadry OY-L White, FD&C blue # 1, FD&C red # 40, Polyethylene glycol, Purified water.

Actions:

Dericestadine is a non-sedating long-acting histamine antegorist with potent, selective peripheral H₁-receptor antagonist activity. Desionatedine has demonstrated antiallecgio, antihistaminio, and anti-inflamentatory activity.

Preclinical Taxicology:

Desionatadine is the primary active metabolite of locatedine. Preclinical studies conducted with desionatadine and locatedine demonstrated that there are no qualitative or quantitative differences in the toxicity profile of desionatadine and locatadine at comparable levels of exposure to desionatadine.

Preclinical data with dealoratedine reveal no special hexard for humans based on conventional studies of safety pharmacology, repeated dose tuxicity, genotoxicity, and toxicity to reproduction. The lack of carcinogenic potential was demonstrated in studies conducted with lorastatine.

Citnical Pharmacology

Pharmacodynamic Proparties: After oral administration, desionated an electively blocks peripheral histamine H_1 -recutors because the drug is effectively excluded from entry to the central

In addition to antihistaminio activity, dedocatadine has demonstrated antiallergic and smi-inflammatory activity from sumerous in vitro (mainly conducted on cells of bosses origin) and in vivo studies. These studies have shown that designated inhibits the broad causade of events that initiate and propagate allergic inflammation, including.

- The release of proinflammatory cytokines including II.-4, II.-6, II.-8, II.-13.
- The release of important proinflammatory chemokines such as RANTES
- (Regulated upon Activation, Normal T-cell Expressed and Socreted),

 Superexide anion production by activated polymorphonuclear neutrophila
- · Ecsinophil adhesion and chemotaxis.
- . The expression of the adhesion molecules such as P-selectin,
- IgE-dependent release of histamina, prostaglandin (PGD2), and leukortriene (LTC4),
- The acute allergic brunchoconstrictor response and allergic cough in anima models.

In a multiple dose clinical trial, in which up to 20mg of desionatalites was chministrared daily for 14 days, no statistically or clinically relevant cardiovascular effect was observed. In a clinical pharmacologic trial, in which desionatadine was administrared at a dose of 45mg daily (ulne times the clinical dose) for ten days, no prolongation of the OT'c interval was seen.

Destoratadine does not readily pensivis the central nervous system. At the recommended does of Sing daily, there was no access incidence of semicolinee as compared to placed. Destinatation believe was a 4 does of 75mg daily did not affect psychomotry performance in clinical trials. A single date of destoratadine fung did not affect standard measures of flight performance including exacerbation of subjective steepiness or take limited to flying.

No clinically relevant changes in desionstadine plasma concentrations were observed in multiple-dose ketocomazole, crythromycia, azithromycia, fluoxetina and cimetidine interaction trials.

In clinical pharmacologic trials, co-administration of alcohol did not increase the alcohol-induced impairment in performance or increase in aleepiness. No significant differences were found in the psychomotor test results between desforatadine and piscobo groups, whether administered alone or with alcohol.

In patients with allergic rhimits (AR), Desloratedine was effective in relieving symptoms such as smeeting, nasal discharge and liching, congestion/intifing, as well as ocular fiching, tearing and redoesa, and itching of palate. Desloratedine effectively controlled symptoms for 24 hours.

in two 4-week trials in patients with seasonal allergio rhinitis (SAR) and concurrent authum, desiretation was shown to be effective in reducing the propions of SAR (finitenches, anal congestion, ansat littings and senerals, thiningferurings eyes, tracing/watering eyes, reduces of eyes, and incling of sees or palate) and arithmat (complining, wheeting, difficulty breathing), and discreasing box-agenciat use. FEVI was not altered in the collectation or problem to restlante groups.

In trials conducted in patients with chronic idiopathic urticaria (CTU), designatatine was effective in relieving practice and decreasing the size and number of hives at several vs. I day after insideation of treatment. In each trial, the effects were usualised over the 24-hour design interval. Treatment with designatedities tablets also improved along and deprime function, as measured by reduced interference with sleep and routine daily sativities.

Designated was effective in alleviating the burden of seasonal allergic rhinitis as shown by the total score of the rhino-conjunctivitis quality of life questionnairs. The greatest amelioration was seen in the domains of practical problems and daily activities limited by symptoms.

Pharmacokinetic Properties:

Defensiables plasma concentrations can be detected within 30 minutes of dedocatables plasma concentrations that Desforatables is well absorbed with maximum concentration exhibited after appreciationally absurt, the templat plasma label had been appreciated by a proportion of the property. The binder plasma is a cance daily doing fragmency. The bindershibility of defendanciate was done proportional over the proportion of the property of the proper

range of 5mg to 20mg.

Designated in moderately bound (83%-87%) to plasma proteins. There is no evidence of clinically relevant drug accumulation following once daily dosing of designated (5mg to 20mg) for 14 days.

The surpus responsible for the metabolism of destreatable has not been identified yet, and therefore some interactions with other drugs can not be fully excluded. In-vivo studies with specific labblistes of CYP2D6 have shown that these exposes we not imported in the metabolism of destoratedies. Destoration does not inhibit crystal Art or CYP2D6 and is settler a substrate or an inhibitor of inhibitor of the contraction.

In a single dose trial using a 7.5mg dose of desionatatine, there was no effect of food (high-flat, high caloric breakflart) on the disposition of desionatatine. In smother study, grapefluit juice had no effect on the disposition of desionatatine.

Indications and Usage:

Aertallery® is indicated for the rapid relief of symptoms associated with allergic rhinitis, such as sneezing, nasal discharge and itching, congestion/stuffiness, as well as ocular itching, tearing and reduces, itching of palate and coughing.

Aeriallery[®] is also indicated for the relief of symptoms associated with chronic idiopathic urticaria such as the relief of itching and the size and number of hives.

Dosage and Administration:

Adults and adolescents (≥12 years of age): One Aerialberg® 5mg film-coated tablet once a day regardless of mealtime.

Drug Interactions:

No clinically relevant interactions with destoratedine were observed in clinical trials.

There was no effect of food or grapefruit juice on the disposition of desloratadine.

Desicratedine taken concomitantly with alcohol did not potentiate the performance impairing effects of alcohol.

Adverse Effects:

In clinical trials in a range of indications including affergic rhimitis and chronic idiopathic untients, at the recommended does of Sing daily, undestrable efficts unded destorated was reported in 3% of patients in excess of these treated with placebo. The most frequent adverse events reported in excess of placebo were fittings (1.2%), day mount (0.8%), and beadach (0.6%).

Very rare cases of hypersensitivity reactions (including anaphylaxis and reah) inchpeardia, palpitaziona, psychomotor hyperactivity, seizures, elevations of liver enzymen, hepstitis, and increased bilirubin have been reported during the marketing of desionatedine.

Contraindications:

Hypersensitivity to the active substance or to any of excipients or to loratadine.

Precautions:

Efficacy and safety of tablet form of desloratadine in children under 12 years of age have not been established.

Effects on ability to drive and use machines:

Effects on abusty to arrive and use machines:

No effects on the ability to drive and use machines have been observed.

Usage during pregnancy and lactation:

No overall effect on rat furtility was observed with deslocatedine at an exposure that wa 34 times higher than the exposure in humans at the recommended clinical dose.

No teratogenic or mutagenic effects were observed in animal trials with desicentedine. Since so clinical data on exposed pregnancies are available with desicentation, the safe use of desicentations during pregnancy has not been established. Desicentation is not to be used during pregnancy unless the potential benefits outweigh the risks.

Desionstadine is excreted into breast milk, therefore the use of desionatedine is not recommended in breast-feeding women.

Overdose:

In the event of overdose, consider standard measures to remove unabsorbed active substance. Symptometic and supportive treatment is recommended.

Based on a multiple dose clinical trial in adults and adolescents, in which up to 45mg of destoratedine was administered (9 times the clinical dose), no clinically relevant effects were observed.

Deslocatedine is not eliminated by hemodialysis; it is not known if it is eliminated by peritoneal dialysis.

Presentation:

5mg tablets are available in packs of 30 tabs.

Storage Conditions:

Store below 30°C.



his is a medicament - keep medicaments set of reach of children)

- nment is a product which afflots your health, and its assumption or is instructions is damperous for you. strictly the doctor's pronciption, method for one sud the close of the pharmacel who said the antibudinamed. circ and the pharmacel on engages is medicine, its boundin and
 - escription without countiling year doctor.