

Purisal®

Levosalbutamol Sulphate INN

Presentation

Purisal® 1 tablet: Each tablet contains Levosalbutamol Sulphate INN equivalent to Levosalbutamol 1 mg.

Purisal® 2 tablet: Each tablet contains Levosalbutamol Sulphate INN equivalent to Levosalbutamol 2 mg.

Purisal® syrup: Each 5 ml syrup contains Levosalbutamol Sulphate INN equivalent to Levosalbutamol 1 mg.

Description

Levosalbutamol is a single isomer beta-2 agonist that differs from racemic salbutamol by elimination of (S)-salbutamol. Levosalbutamol is an effective bronchodilator whose primary mechanism of action is unimpeded by (S)-salbutamol. Thus, when compared with racemic salbutamol, clinically comparable bronchodilation can be achieved with doses that substantially lessen beta-mediated side effects. Levosalbutamol produces bronchodilatation through stimulation of beta-2-adrenergic receptors in bronchial smooth muscles, thereby causing relaxation of bronchial muscle fibres.

Indication

Levosalbutamol is indicated for the treatment and prevention of bronchospasm in adults, adolescents, and children 2 years of age and older with reversible obstructive airway diseases.

Dosage and Administration

Adults and adolescents above 12 years: 1-2 mg, three times daily.

Children (6 -11 years): 5 ml (1 mg), three times daily.

Children (2-5 Years): Up to 0.1 mg/kg of body weight, three times daily.

Side-effects

Hypocalcaemia, palpitation, fine tremors of the skeletal muscle and muscle cramps may occur. The other likely side effects are nausea, vomiting, burning substernal or epigastric pain and diarrhoea.

Precautions

Particular caution is advised in acute severe asthma as this effect may be potentiated by hypoxia and by concomitant treatment with xanthine derivatives, steroids and diuretics. Serum potassium levels should be monitored in such situations.

Use in pregnancy and lactation

Pregnancy

The drug should be used during pregnancy only if the potential benefit justifies the potential risk of the fetus.

Lactation

It is not known whether levosalbutamol is excreted in human milk. Caution should be exercised when oral levosalbutamol is administered to a nursing woman.

Contraindication

Levosalbutamol is contraindicated in patients with a history of hypersensitivity to Levosalbutamol or any of its components.

Drug Interactions

Other short-acting sympathomimetic bronchodilators or epinephrine should be used with caution with levosalbutamol. If additional adrenergic drugs are to be administered by any route, they should be used with caution to avoid deleterious cardiovascular effects.

Overdose

The expected symptoms with over dosage are those of excessive beta-adrenergic stimulation and the symptoms listed under side effects. In the event of serious poisoning, the stomach should be emptied and, if necessary, a beta-blocker administered with caution in patients with a history of bronchospasm.

Commercial Pack

Purisal® 1 tablet: Each box containing 10 blister strips of 10 tablets.

Purisal® 2 tablet: Each box containing 10 blister strips of 10 tablets.

Purisal® syrup: Each amber glass bottle contains 100 ml syrup.

Purisal® syrup: Each amber glass bottle contains 50 ml syrup.

Manufactured by
 **Incepta Pharmaceuticals Ltd**
Dhaka, Bangladesh
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