



Presentation

Trimex mucolytic is available as orange coloured clear syrup with a fruity odour and a pleasant (sweet) taste.

Formulation

Salbutamol Sulphate	2mg
Bromhexine HCL	4mg
Guaifenesin	100mg
Flavored syrup base q.s	5ml

Pharmacological Properties

Trimex mucolytic is a combination of 3 active ingredients:

Guaifenesin increases the volume and reduces the viscosity of tenacious sputum and is used as an expectorant for productive cough.

Salbutamol Sulphate is a direct acting sympathomimetic with predominant beta adrenergic activity, and acts as a bronchodilator.

Bromhexine is a mucolytic used in the treatment of respiratory disorders associated with productive cough.

Pharmacokinetics

Salbutamol is readily absorbed from the gastro-intestinal tract. It is rapidly excreted in the urine as metabolites and unchanged drug; there is some excretion in the faeces.

Bromhexine is readily absorbed from the gastro-intestinal tract and undergoes extensive first-pass metabolism in the liver: its oral bioavailability is stated only to be about 20%. It is widely distributed to body tissues. About 85% to 90% is excreted in the urine mainly as metabolites.

Guaifenesin is absorbed from the gastro-intestinal tract. It is metabolized and excreted in the urine.

Indications

Trimex mucolytic is indicated for the effective relief from bronchitis and bronchial asthma. It helps in increased respiration by bronchodilation in cases productive coughs.

Dosage and Administration: To be taken three times a day.

Adults and Children	Above 12 years	10ml (2 teaspoons)
Children	6-12 years	5ml (1 teaspoon)
	2-6 years	2.5ml (1/2 teaspoon)
Not recommended for children below 2 years of age		
Or as directed by a doctor		

Contra-Indications

Trimex mucolytic is contra-indicated in patients who have previously exhibited intolerance to it or any of its constituents or in patients who are taking or have taken mono-amine oxidase inhibitors within the preceding two weeks. It is also contra-indicated in patients with severe heart hypertension and coronary heart disease.

Precautions

It should be taken with caution in patients with cardiac disorders, hypertension and peptic ulcers.

Adverse effects

Salbutamol may cause fine tremor of skeletal muscle, palpitations, and muscle cramps. Tachycardia, tenseness, headaches, peripheral vasodilation and serious hypokalemia have been reported after large doses. Hypersensitivity reactions have occurred including paradoxical bronchospasm, angioedema, urticaria, and collapse.

Bromhexine may exhibit gastro-intestinal side effects occasionally. A transient rise in serum aminotransferase values has been reported. Other reported adverse effects include headaches, dizziness, sweating, and skin rashes.

Gastro-intestinal discomfort, nausea and vomiting have occasionally been reported particularly with very large doses of Guaifenesin.

Storage

Store below 30°C, in a dry and dark place. Keep out of reach of children.

Package

Trimex mucolytic is packed in 100ml.

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