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Betasec® is used to ease the symptoms of Ménière's disease. The usual dose is one tablet three times daily. Where possible, take the tablets with or after a meal. Betahistine is thought to work by improving the flow of blood in your inner ear. This reduces a build-up of pressure and eases your symptoms.



**Betasec®**  
Betahistine Dihydrochloride  
8MG, 16MG, 24MG & 32MG TABLETS

Betasec® is used to treat a disorder of your inner ear. This disorder may include one or more of the following symptoms, in one or both ears:

- ringing in the ears (tinnitus)
- loss of clear hearing
- problems with balance (vertigo)

# Betasec®

Betahistine Dihydrochloride  
8MG, 16MG, 24MG & 32MG TABLETS

Betasec® Betahistine Dihydrochloride is an antivertigo drug for the treatment of Ménière's disease. It is commonly prescribed to patients with balance disorders or to alleviate vertigo symptoms associated with Ménière's disease.

Betasec® Betahistine Dihydrochloride has a very strong affinity as an antagonist for histamine H3 receptors and a weak affinity as an agonist for histamine H1 receptors. Betasec® Betahistine Dihydrochloride seems to dilate the blood vessels within the inner ear which can relieve pressure from excess fluid and act on the smooth muscle.

Betasec® Betahistine Dihydrochloride has two modes of action. Primarily, it has a direct stimulating (agonistic) effect on H1 receptors located on blood vessels in the inner ear. This gives rise to local vasodilation and increased permeability, which helps to reverse the underlying problem of endolymphatic hydrops. More importantly, Betasec® Betahistine Dihydrochloride has a powerful antagonistic effects at H3 receptors, thereby increasing the levels of neurotransmitters histamine, acetylcholine, norepinephrine, and serotonin released from the nerve endings. The increased amounts of histamine released from histaminergic nerve endings can stimulate receptors. This stimulation explains the potent vasodilatory effects of Betasec® Betahistine Dihydrochloride in the inner ear, that are well documented.

- It is postulated that Betasec® Betahistine Dihydrochloride's increase in the level of serotonin in the brainstem inhibits the activity of vestibular nuclei.

The usual recommended dose of betahistine for adults is 24 mg to 48 mg given in 2 or 3 divided doses (i.e., 12 mg to 24 mg twice a day, or 8 mg to 16 mg three times a day). To prevent stomach upset, it is recommended that this medication be taken with food.

Betahistine Dihydrochloride (BANM) is also known as Betahistine (Rec.INN)

Type of medicine: Histamine analogue

Used for: To ease the symptoms of Ménière's disease in adults

One tablet taken three times a day.



Food and Drug Administration (FDA) approved .Prescription Only (POM)

A Taj Pharma® India Product