

# iMedix: Your Personal Health Advisor.

## Allegra

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Allegra provides fexofenadine, a non-drowsy antihistamine, designed to offer relief from common allergy symptoms such as sneezing, runny nose, itchy/watery eyes, and skin hives, by selectively blocking histamine's effects. Its formulation aims for effective symptom control without significant sedation.

- **ActiveIngredient:** Fexofenadine Hydrochloride
  - **DosageForm:** Oral tablet
  - **Dosage:** 30mg, 60mg, 120mg, 180mg
  - **Indications:** Relief of symptoms associated with seasonal allergic rhinitis (hay fever) and chronic idiopathic urticaria (hives of unknown cause).
  - **Manufacturer:** Sanofi
  - **Storage:** Store at controlled room temperature (20-25°C or 68-77°F). Protect from excessive moisture.
  - **Market Price:**
  - **Drug Status:** Over-the-Counter
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## Description

**Allegra's Profile: Fexofenadine in the Fight Against Allergy's Annoyances** Allegra. A name recognized. Its core strength? Fexofenadine Hydrochloride. This agent isn't an old-guard antihistamine; it's newer, a selective interrupter of peripheral H1-receptors. Allegra's chief purpose: to bring calm where allergic reactions stir trouble. Think hay fever's miseries—sneezing, a nose that won't stop running, eyes that itch and stream. Or consider chronic idiopathic urticaria—those persistent, maddening skin hives that appear without a clear “why.” Allegra steps in for these. **The How-It-Works Story: Fexofenadine's Method for Quieting Allergic Uproar** Fexofenadine, the power inside Allegra, mutes allergy's shout by precisely meddling with the body's histamine-driven alarms: **Shutting Down Histamine's Entry Points (H1 Receptors):** Imagine an allergic event. It's like your body's defense system misidentifying a harmless visitor—pollen, perhaps—as a threat. This triggers a chemical red alert: histamine floods out from certain immune cells. Histamine then scrambles to “plug into” specific molecular sockets, the H1 receptors, found on cells in your nose, eyes, skin. Once histamine connects, the familiar allergy cascade ignites: sneezes erupt, itches begin, tissues swell, mucus flows. Fexofenadine plays defense. It gets to those H1 sockets first, occupying them. But it doesn't set off the alarm. It just blocks histamine from getting in. No connection, no allergic overreaction. Simple, yet effective. **Keeping a Clear Head: The Non-Drowsy Edge of Peripheral Action:** Here's a key difference with fexofenadine, a second-wave antihistamine. It's smart. It mostly ignores H1 receptors in the brain. Older antihistamines? They'd barge into the brain, hitting H1 receptors there too—the ones involved in keeping you awake. Result: drowsiness. Fexofenadine, however, largely stays out of the brain. The blood-brain barrier, a tight security gate, limits its access. So, at typical doses, it fights allergy symptoms without making most people feel sleepy or foggy. That's a major plus. **Allegra's Place: From Pioneer Brand to Widespread Generic** Allegra. That was the first flag planted for fexofenadine hydrochloride, by Sanofi (a company with roots in Hoechst Marion Roussel/Aventis). Patents, however, don't last forever. When Allegra's exclusivity ended, the gates opened. Many other drug makers began producing generic fexofenadine hydrochloride. So, while “Allegra” is still a familiar brand, the actual workhorse, the allergy-fighting substance, is fexofenadine. That's the name you'll see on its generic equivalents. **How Allegra Reaches You: Forms, Strengths, and Different Preparations** **Standard Oral Tablets & Capsules:** For adults and older children, Allegra and its generic kin often come as straightforward oral tablets. Common strengths

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