

[Home](#)2. [Firazyr](#)

Firazyr

Pronunciation: *FIR-a-zeer***Generic name:** [icatibant](#)**Dosage form:** single-dose, prefilled syringe for subcutaneous use (30 mg/3 mL)**Drug class:** [Hereditary angioedema agents](#)Medically reviewed by [Carmen Pope, BPharm](#). Last updated on Mar 18, 2025.[Uses](#) [Side effects](#) [Before taking](#) [Dosage](#) [What to avoid](#) [Interactions](#) [FAQ](#)

What is Firazyr?

Firazyr is used to treat acute attacks of [hereditary angioedema](#) (HAE) in adults. It can be self-administered by subcutaneous (under the skin) injection up to 3 times in 24 hours during an acute attack.

Firazyr (icatibant) gained FDA approval on August 25, 2011. A generic is available.

How does Firazyr work?

Firazyr's mechanism of action involves competing with bradykinin for the bradykinin B2 receptor. Bradykinin is a vasodilator thought to be responsible for characteristic HAE symptoms such as localized swelling, inflammation, and pain. By binding with the B2 receptor and preventing bradykinin from binding to it, Firazyr treats the symptoms of an acute episodic attack of HAE. It does not cure HAE.

Firazyr belongs to the drug class called [hereditary angioedema agents](#).

How quickly does it work?

Clinical trials report that Firazyr takes an average of 2 to 2.5 hours to relieve symptoms of HAE.

- 92.4% of attacks were treated with a single dose of Firazyr.

Firazyr side effects

The most common side effects of Firazyr are:

- redness, bruising, swelling, warmth, burning, itching, irritation, hives, numbness, pressure, or pain at the injection site
- fever

- too much of an enzyme called transaminase in your blood
- dizziness
- nausea
- headache
- a rash.

Tell your healthcare provider if you have any side effect that bothers you or does not go away. These are not all of the possible side effects of this medicine. For more information, ask your healthcare provider or pharmacist.

Call your doctor for medical advice about side effects. You may report side effects to the FDA at 1-800-FDA-1088.

Serious side effects and warnings

If you have a laryngeal attack, inject Firazyr and then go to the nearest hospital **emergency room right away**. Laryngeal attacks can become life-threatening.

Firazyr may cause an **allergic reaction** with symptoms similar to the signs of hereditary angioedema, such as hives, trouble breathing, or swelling of your face, lips, tongue, or throat.

Do not use more than three Firazyr injections within a 24-hour period. Call your doctor if your symptoms do not improve, or if they get worse after using this medication.

 [Firazyr side effects](#) (more detail)

Related/similar drugs

Ruconest

Ruconest is used to treat angioedema attacks in adult and adolescent patients with Hereditary ...

Reviews & ratings

[3 Reviews](#)

[View more](#)

Cinryze

Cinryze (complement C1 esterase inhibitor) is used to prevent attacks of angioedema in people with ...

Reviews & ratings

[3 Reviews](#)

[View more](#)

Orladevo

Orladeyo

Orladeyo (berotralstat) is used to prevent attacks of hereditary angioedema (HAE). Includes ...

Reviews & ratings

3 Reviews

[View more](#)

Haegarda

Haegarda is an injectable protein replacement therapy that prevents swelling and attacks in ...

Reviews & ratings

2 Reviews

[View more](#)

Takhzyro

Takhzyro (lanadelumab-flyo) is used to prevent hereditary angioedema (HAE) and reduce symptoms ...

Reviews & ratings

3 Reviews

[View more](#)

Berinert

Berinert is used to treat acute abdominal, facial, or laryngeal hereditary angioedema (HAE) attacks ...

Reviews & ratings

2 Reviews

[View more](#)

Kalbitor

Kalbitor is used to treat acute attacks of hereditary angioedema (HAE) in patients 12 years and ...

Reviews & ratings

2 Reviews

[View more](#)

[view more](#)

Lanadelumab

Lanadelumab injection is a monoclonal antibody used to prevent hereditary angioedema. Includes side ...

Reviews & ratings

[4 Reviews](#)

[View more](#)

Stanozolol

Stanozolol is used in the treatment of hereditary angioedema, which causes episodes of swelling of ...

Reviews & ratings

[2 Reviews](#)

[View more](#)

Before taking this medicine

Do not use this medicine if you are allergic to icatibant, Firazyr, or any inactive ingredients in the injection.

Before using Firazyr tell your doctor about all your medical conditions including:

- any [allergies](#)
- all medicines you take, including heart or blood pressure medications
- if you are pregnant or intending to become pregnant
- if you are breastfeeding or intending to breastfeed.

Older adults may be more sensitive to the effects of this medicine.

Firazyr is not approved for use by anyone younger than 18 years old.

Pregnancy

It is not known if Firazyr can harm an unborn baby.

Breastfeeding

It is not known if Firazyr passes into breast milk.

 [Firazyr pregnancy and breastfeeding warnings](#) (more detail)

How should I use Firazyr?

Read the [Instructions for Use](#) at the end of the Firazyr Package Insert for detailed instructions about the right way to use this medicine.

Use Firazyr exactly as your healthcare provider tells you to.

- Your healthcare provider will prescribe the right dose for you and tell you when to use it.
- You or a caregiver should know how to self-administer this medicine upon recognition of an HAE attack.
- Firazyr is injected under the skin. A healthcare provider will also teach you or a caregiver about how to give the injection.
- If you still have symptoms of angioedema after the first injection, or they come back, you may use another injection after at least 6 hours have passed.
- Do not use more than 3 Firazyr injections within 24 hours.

If you have a **laryngeal attack**, inject Firazyr and then go to the nearest hospital emergency room right away.

Call your doctor if your symptoms do not improve, or if they get worse after using this medicine.

How to inject a Firazyr injection

Wash your hands with soap and water before preparing your injection.

Prepare an injection only when you are ready to give it. Do not use the medicine if it has changed colors, looks cloudy, or has particles in it. Call your pharmacist for new medicine.

- Remove the prefilled syringe and needle from the carton.
- Twist the needle cap to break the seal. The needle should remain inside the protective needle cap. Screw the needle on the prefilled syringe.
- Choose your injection site. This should be a fold of skin on your stomach, about 2 to 4 inches (5 to 10 cm) below your belly button on either side.
- Do not inject Firazyr into an area that is painful, swollen, scarred, or bruised.
- Clean the site with an alcohol swab and allow it to dry.
- Remove the needle from the needle cap.
- Hold the syringe in your hand between your fingers and thumb.
- Use your other hand to gently pinch up the fold of skin.
- Hold the syringe at a 45 to 90-degree angle to your skin and quickly insert the needle into the skin fold.
- Push the plunger at the top of the syringe for at least 30 seconds until no Firazyr is in the syringe.
- Release the skin fold and gently pull the needle out.
- Dispose of your used prefilled syringe in an FDA-cleared sharps disposal container. Follow state or local laws about how to dispose of this container. Keep it out of the reach of children and pets.

See [How do you administer/inject Firazyr](#) for more information.

Each prefilled syringe is for one use only. Throw it away after one use, even if there is still medicine left inside.

i [Firazyr patient tips](#) (more detail)

Dosing information

Usual Adult Dose of Firazyr for Hereditary Angioedema:

- 30 mg subcutaneously once, in the abdominal area.
- Additional injections of 30 mg may be administered at intervals of at least 6 hours.
- Do not administer more than 3 injections in 24 hours.
- Maximum dose: 90 mg/day

i [Detailed Firazyr dosage information](#)

What happens if I miss a dose?

Since Firazyr is used when needed, it does not have a daily dosing schedule. Call your doctor if your symptoms do not improve after using this medicine.

What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222.

Overdose symptoms may include redness, itching, or feeling like you might pass out.

What should I avoid after using Firazyr?

Tiredness, drowsiness, and dizziness can happen in people who take Firazyr. If this happens, do not drive a car, use machinery, or do anything that needs you to be alert.

Storage

Store the prefilled syringe in its original container **in a refrigerator or at room temperature**. Do not freeze.

What other drugs will affect Firazyr?

Tell your doctor about all your other medicines, especially heart or blood pressure medication.

Other drugs may interact with icatibant, including prescription and over-the-counter medicines, [vitamins](#), and [herbal products](#). Tell your doctor about all your current medicines and any medicine you start or stop using.

i [Firazyr drug interactions](#) (more detail)

Does Firazyr interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

Firazyr

+

Enter a drug name

Add

Firazyr ingredients

Active ingredient: icatibant acetate

Inactive ingredients: sodium chloride (isotonicity reagent), glacial acetic acid (pH adjuster), sodium hydroxide (pH adjuster), and water.

Available as a 10 mg/mL injection.

Who makes Firazyr?

Jerini AG originally developed Firazyre, but Shire Pharmaceuticals later acquired it. Shire was subsequently acquired by Takeda Pharmaceutical Company in 2019.

Takeda's global headquarters are located in Tokyo, Japan, though they have major operational hubs in several countries. Some other notable drugs manufactured by Takeda include:

- [Vyvanse](#) (lisdexamfetamine) for ADHD
- [Entyvio](#) (vedolizumab) for ulcerative colitis and Crohn's disease
- [Advate](#) for hemophilia A
- [Ninlaro](#) (ixazomib) for multiple myeloma
- [Alunbrig](#) (brigatinib) for non-small cell lung cancer.

Frequently asked questions

- [How long does Firazyr take to work?](#)
- [How do you administer/inject Firazyr?](#)
- [What is Firazyr used for?](#)

References

1. [Firazyr Package Insert](#)

More about Firazyr (icatibant)

- [Check interactions](#)
- [Compare alternatives](#)

- [Pricing & coupons](#)
- [Reviews \(7\)](#)
- [Drug images](#)
- [Side effects](#)
- [Dosage information](#)
- [Patient tips](#)
- [During pregnancy](#)
- [Generic availability](#)
- [FDA approval history](#)
- [Drug class: hereditary angioedema agents](#)
- [Breastfeeding](#)
- [En español](#)

Professional resources

- [Firazyr prescribing information](#)
- [Icatibant \(AHFS Monograph\)](#)

Related treatment guides

- [Hereditary Angioedema](#)

Further information

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

[Medical Disclaimer](#)

DRUG STATUS

Availability

Rx Prescription only


Pregnancy & Lactation

 Risk data available

CSA Schedule*

N/A Not a controlled drug

Approval History

 Drug history at FDA



User Reviews & Ratings

[7 Reviews](#)

Images

[Firazyr 30 mg/3 mL single-dose, prefilled syringe](#)

Drugs.com Mobile App

Access drug & treatment information, identify pills, check interactions and set up personal medication records.



About

[About Drugs.com](#)
[Advertising policy](#)
[Attribution & citations](#)

Terms & privacy

[Terms of use](#)
[Editorial policy](#)
[Privacy policy](#)

Support

[Help center](#)
[Sitemap](#)
[Contact us](#)



[Subscribe to our newsletter](#) for the latest medication news, new drug approvals and FDA alerts.

Drugs.com provides accurate and independent information on more than 24,000 prescription drugs, over-the-counter medicines and natural products. This material is provided for educational purposes only and is not intended for medical advice, diagnosis or treatment. Data sources include Micromedex (updated 7 Apr 2025), Cerner Multum™ (updated 13 Apr 2025), ASHP (updated 10 Apr 2025) and others.



Ad Choices

ADVERTISEMENT

Copyright © 2000-2025 Drugs.com. All rights reserved.

