

[Home](#)

2. Cefepime

Cefepime (injection)

Generic name: cefepime (injection) [*SEF-e-peem*]**Brand names:** Maxipime injection, [Maxipime](#), Maxipime ADD-Vantage**Dosage forms:** injectable powder for injection (1 g; 2 g), intravenous powder for injection (1 g; 2 g), ... [show all 3 dosage forms](#)**Drug class:** [Fourth generation cephalosporins](#)[Medically reviewed](#) by Drugs.com on Aug 14, 2023. Written by [Cerner Multum](#).[Uses](#) [Side effects](#) [Warnings](#) [Before taking](#) [Dosage](#) [Interactions](#)

What is cefepime?

Cefepime is a cephalosporin (SEF a low spor in) [antibiotic](#).

Cefepime injection is used to treat many kinds of bacterial infections, including severe or life-threatening forms.

Cefepime may also be used for purposes not listed in this medication guide.

Cefepime side effects

Get emergency medical help if you have **signs of an allergic reaction** (hives, difficult breathing, swelling in your face or throat) or **a severe skin reaction** (fever, [sore throat](#), burning eyes, skin pain, red or purple skin rash with blistering and peeling).

Cefepime may cause serious side effects. Call your doctor at once if you have:

- severe stomach pain, [diarrhea](#) that is watery or bloody (even if it occurs months after your last dose);
- confusion, hallucinations;
- trouble speaking, reading, or understanding the words of other people;
- seizure (blackout or convulsions);
- pale skin, easy bruising, unusual bleeding; or
- dark colored urine, [jaundice](#) (yellowing of the skin or eyes).

Common side effects of cefepime may include:

- nausea, [vomiting](#), diarrhea;
- fever;
- [headache](#);

- itching, rash; or
- abnormal blood tests.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

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

Related/similar drugs

Augmentin

Augmentin is a prescription antibiotic combining amoxicillin and clavulanate to treat bacterial ...

Reviews & ratings

5.4 / 10

[447 Reviews](#)

[View more](#)

Amoxicillin/clavulanate

Amoxicillin and clavulanate potassium is a combination antibiotic used to treat bacterial ...

Reviews & ratings

5.3 / 10

[910 Reviews](#)

[View more](#)

FEATURED

Omvox

Omvox is used to treat moderate to severe ulcerative colitis or Crohn's disease in adults. This ...

Reviews & ratings

[1 Reviews](#)

[View more](#)

Clindamycin

Clindamycin (Cleocin) is used to treat serious infections caused by bacteria. Includes clindamycin ...

Reviews & ratings

5.7 / 10

[806 Reviews](#)

[View more](#)

Levofloxacin

Levofloxacin is a fluoroquinolone antibiotic used to treat serious bacterial infections and prevent ...

Reviews & ratings

5.1 / 10

[741 Reviews](#)

[View more](#)

Metronidazole

Metronidazole is an antibiotic used to fight bacteria in your body. Learn about side effects ...

Reviews & ratings

6.0 / 10

[2,431 Reviews](#)

[View more](#)

Ciprofloxacin

Ciprofloxacin is an antibiotic belong to a group of drugs called fluoroquinolones. Learn about side ...

Reviews & ratings

5.0 / 10

[935 Reviews](#)

[View more](#)

Cephalexin

Cephalexin is a cephalosporin antibiotic used to treat bacterial infections like respiratory, skin ...

Reviews & ratings

6.4 / 10

[500 Reviews](#)

[View more](#)

Warnings

You should not use cefepime if you are allergic to cefepime or other cephalosporin antibiotic ([cefdinir](#), cefalexin, Keflex, [Omnicef](#), and others), or penicillin [antibiotics](#) ([amoxicillin](#), [ampicillin](#), [Augmentin](#), and others).

Before taking this medicine

You should not use this medicine if you are allergic to cefepime or other cephalosporin antibiotic (cefdinir, cefalexin, Keflex, Omnicef, and others), or penicillin antibiotics (amoxicillin, ampicillin, Augmentin, and others).

Tell your doctor if you have ever had:

- an allergic reaction to an antibiotic;
- kidney disease (or if you are on dialysis);
- intestinal problems, such as colitis; or
- if you are malnourished.

Tell your doctor if you are pregnant or breastfeeding.

Do not give this medicine to a child without medical advice.

How should I use cefepime?

Follow all directions on your prescription label and read all medicine guides or instruction sheets. Use the medicine exactly as directed.

Cefepime is given as an infusion into a vein. A healthcare provider can teach you how to properly use the medication by yourself.

Read and carefully follow any Instructions for Use provided with your medicine. Ask your doctor or pharmacist if you don't understand all instructions.

You may need to mix cefepime with a liquid (diluent) before using it. **Use only the diluent your doctor has recommended.**

After mixing your medicine, you will need to use it within a certain number of hours or days. This will depend on the diluent and how you store the mixture (at room temperature or in a refrigerator). When using injections by yourself, be sure you understand how to properly mix and store the medicine. Ask your pharmacist if you have questions.

cefepime must be given slowly, and the infusion can take about 30 minutes to complete.

Cefepime may become darker after you have mixed it with a diluent. **Do not use the medicine if it has become cloudy or has particles in it.** Call your pharmacist for new medicine.

Use a needle and syringe only once and then place them in a puncture-proof "sharps" container. Follow state or local laws about how to dispose of this container. Keep it out of the reach of children and pets.

Use this medicine for the full prescribed length of time, even if your symptoms quickly improve. Skipping doses can increase your risk of [infection](#) that is resistant to medication. Cefepime will not treat a [viral infection](#) such as [the flu](#) or a [common cold](#).

This medicine can affect the results of certain medical tests. Tell any doctor who treats you that you are using cefepime.

Store unmixed cefepime at room temperature, away from moisture, heat, and light.

 [Detailed Cefepime dosage information](#)

What happens if I miss a dose?

Use the medicine as soon as you can, but skip the missed dose if it is almost time for your next dose. **Do not** use two doses at one time.

What happens if I overdose?

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

What should I avoid while using cefepime?

Antibiotic medicines can cause diarrhea, which may be a sign of a new infection. **If you have diarrhea that is watery or bloody, call your doctor before using anti-diarrhea medicine.**

What other drugs will affect cefepime?

Tell your doctor about all your other medicines, especially:

- another injected antibiotic; or
- a diuretic or "water pill."

This list is not complete. Other drugs may affect cefepime, including prescription and over-the-counter medicines, [vitamins](#), and [herbal products](#). Not all possible [drug interactions](#) are listed here.

 [Cefepime drug interactions](#) (more detail)

Does cefepime interact with my other drugs?

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

cefepime

+

Enter a drug name

Add

More about cefepime

- [Check interactions](#)
- [Compare alternatives](#)
- [Pricing & coupons](#)
- [Reviews \(5\)](#)
- [Side effects](#)
- [Dosage information](#)
- [During pregnancy](#)
- [Drug class: fourth generation cephalosporins](#)
- [Breastfeeding](#)
- [En español](#)

Patient resources

- [Cefepime advanced reading](#)

Other brands

[Maxipime](#)

Professional resources

- [Cefepime monograph](#)
- [Cefepime \(FDA\)](#)
- [Cefepime Hydrochloride and Dextrose \(FDA\)](#)

Other brands

[Maxipime](#)

Related treatment guides

- [Kidney Infections](#)
- [Bacteremia](#)
- [Intraabdominal Infection](#)
- [Febrile Neutropenia](#)

Further information

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

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

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

5 Reviews

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.