

Cefuroxime Sodium Cas No. : 56238-63-2

Cephalosporin: any of a group of broad-spectrum derived from species of fungi of the genus Cephalosporium and are related to the penicillins in both structure and mode of action but relatively penicillinase-resistant antibiotics. These antibiotics have low toxicity for the host, considering their broad antibacterial spectrum.

Active Pharmaceuticals Ingredients Manufacturers



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Taj Pharmaceuticals Ltd.**Cefuroxime Sodium****CAS No. : 56238-63-2****Systematic (IUPAC) name**

Sodium [6R-[6a,7b(Z)]]-3-[[[(aminocarbonyl)oxy]methyl]-7-[2-furyl(methoxyimino)acetamido]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate

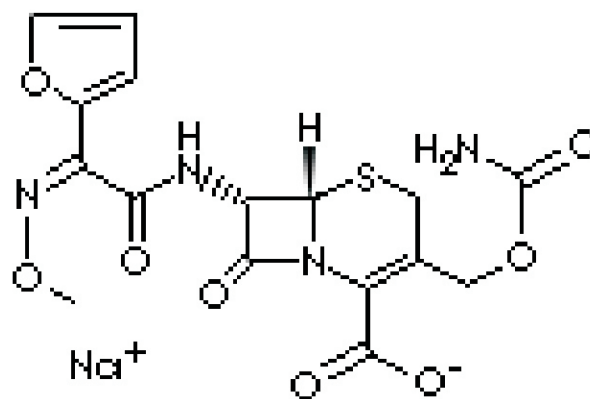
CAS Registry Number : 56238-63-2

Molecular Formula : C₁₆H₁₅N₄NaO₈S

Molecular Weight : 446.37

Cefazolin, an antibiotic, to help treat your infection. The drug will be either injected into a large muscle (such as your buttock or hip) or added to an intravenous fluid that will drip through a needle or catheter placed in your vein for 30 minutes, two to four times a day.

Cefazolin eliminates bacteria that cause many kinds of infections, including lung, skin, bone, joint, stomach, blood, heart valve, and urinary tract infections.

**APPLICATIONS**

Cephalosporin: any of a group of broad-spectrum derived from species of fungi of the genus Cephalosporium and are related to the penicillins in both structure and mode of action but relatively penicillinase-resistant antibiotics. These antibiotics have low toxicity for the host, considering their broad antibacterial spectrum.

They have the active nucleus of beta-lactam ring which results in a variety of antibacterial and pharmacologic characteristics when modified mainly by substitution at 3 and 7 positions. Their antibacterial activities result from the inhibition of mucopeptide synthesis in the cell wall. They are widely used to treat gonorrhoea, meningitis, pneumococcal, staphylococcal and streptococcal infections. The cephalosporin class of antibiotics is usually divided into generations by their antimicrobial properties. Three generations of cephalosporins are recognized and the fourth has been grouped.

Each newer generation of cephalosporins has broader range of activity against gram-negative organisms but a narrower range of activity against gram-positive organisms than the preceding generation. The newer agents have much longer half-lives resulting in the decrease of dosing frequency. Accordingly, the third-generation cephalosporins can penetrate into tissues well, and thus antibiotic levels are good in various body fluids. Second-generation cephalosporins have broader spectrums of activity against gram negative coverage but less active against gram-positive organisms than first-generation agents.

Cefuroxime eliminates bacteria that cause many kinds of infections, including lung, skin, bone, joint, stomach, blood, and urinary tract infections. This medication is sometimes prescribed for other uses; ask your doctor or pharmacist for more information.



Taj Group of Companies

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Cefuroxime Sodium

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Side effects

Cefuroxime may cause side effects. If you are administering cefuroxime into a muscle, it may be mixed with lidocaine to reduce pain at the injection site. Tell your health care provider if any of these symptoms are severe or do not go away:

- * diarrhea
- * stomach pain
- * upset stomach
- * vomiting

If you experience any of the following symptoms, call your health care provider immediately:

- * unusual bleeding or bruising
- * difficulty breathing
- * itching
- * rash
- * hives
- * sore mouth or throat



Note /Government Notification: These chemicals are designated as those that are used in the manufacture of the controlled substances and are important to the manufacture of the substances. For any (Control Substance) products Import and Export *** subjected to your country government laws /control substance ACT.

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The Controlled Substances Act (CSA) was enacted into law by the Congress of the United States as Title II of the Comprehensive Drug Abuse Prevention and Control Act of 1970.[1] The CSA is the federal U.S. drug policy under which the manufacture, importation, possession, use and distribution of certain substances is regulated. The Act also served as the national implementing legislation for the Single Convention on Narcotic Drugs

This document plus the full buyer/ prescribing information, prepared for health professionals can be found at:

<http://www.tajapi.com>

or by contacting the sponsor, Taj Pharmaceuticals Limited., at:
91 022 30601000.

This leaflet was prepared by
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