

Cefotetan Sodium Cas No. : 74356-00-6

Cefotetan disodium is a semisynthetic, beta-lactamase resistant, cephalosporin (cephamycin) antibiotic.

Active Pharmaceuticals Ingredients Manufacturers


Taj Pharmaceuticals Ltd.
Cefotetan Sodium**CAS No. : 74356-00-6****Systematic (IUPAC) name**

Cefotetan disodium

Synonyms

Disodium (7R)-7-[[4-(carbamoyl-carboxylato-methylidene)-1,3-dithietane-2-carbonyl]amino]-7-methoxy-3-[(1-methyltetrazol-5-yl)sulfanyl]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate

CAS Registry Number : 74356-00-6

Molecular Formula : C₁₇H₁₅N₇Na₂O₈S₄

Molecular Weight : 619.59

Cefotetan disodium is a semisynthetic, beta-lactamase resistant, cephalosporin (cephamycin) antibiotic.

In vitro studies indicate that the bactericidal action of cefotetan results from an interference of bacterial cell wall synthesis by inhibiting the cross-linking of peptidoglycan.

Dosage And Administration:

Treatment: Adults: The usual adult dosage is 1 or 2 g administered i.v. or i.m. every 12 hours for 5 to 10 days.

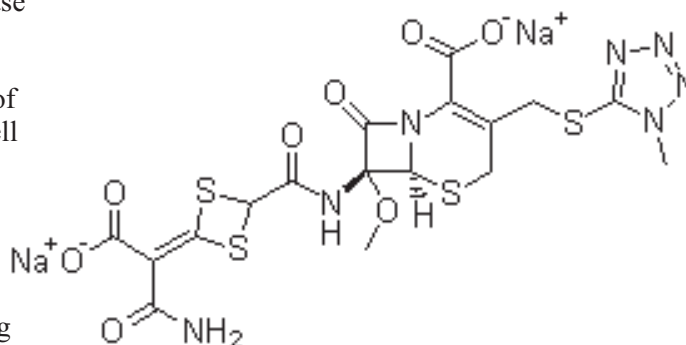
Proper dosage and route of administration should be determined by the condition of the patient, severity of the infection and susceptibility of the causative organism. Therapy may be started while awaiting the results of susceptibility testing.

The i.v. route is preferable for patients with bacteremia, bacterial septicemia or other severe or life-threatening infections or for patients who may be at risk particularly if shock is present or impending.

Availability And Storage: 1 g: Each vial of dry, white to pale yellow powder contains: cefotetan disodium equivalent to 1 g cefotetan activity for i.v. and i.m. administration. Nonmedicinal ingredients: sodium bicarbonate. Sodium: 3.4 mmol (78.7 mg). Vials of 10 mL.

2 g: Each vial of dry, white to pale yellow powder contains: cefotetan disodium equivalent to 2 g cefotetan activity for i.v. and i.m. administration. Nonmedicinal ingredients: sodium bicarbonate. Sodium: 6.8 mmol (157.4 mg). Vials of 20 mL.

Store below 25°C and protect from light.





Taj Pharmaceuticals Ltd.
Cefotetan Sodium

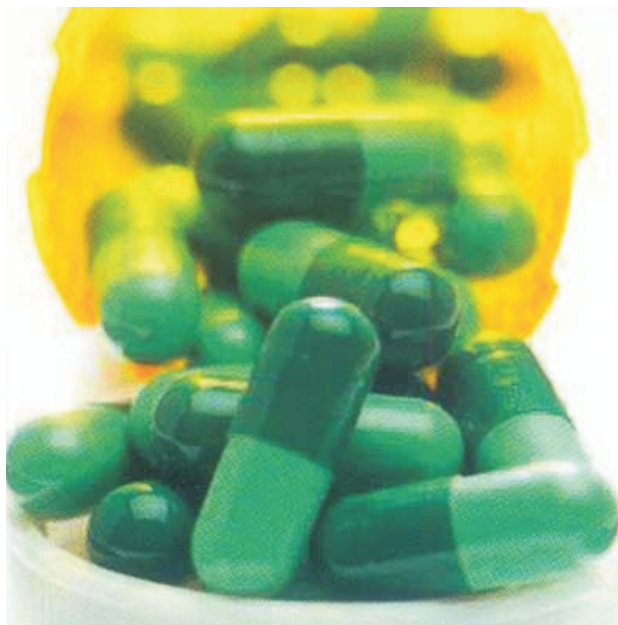
CAS No. 74356-00-6

Drug Interactions:

Renal function should be carefully monitored, especially if high dosages of the aminoglycosides are to be administered or if therapy is prolonged, because of the potential nephrotoxicity and ototoxicity of aminoglycosidic antibiotics.

Although, to date, this has not been noted when cefotetan was given alone, increased nephrotoxicity has been reported following concomitant administration of cephalosporins and aminoglycoside antibiotics.

However, at the recommended dose, enhancement of nephrotoxicity is unlikely to be a problem with cefotetan.



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.

Information: The information on this web page is provided to help you to work safely, but it is intended to be an overview of hazards, not a replacement for a full Material Safety Data Sheet (MSDS). MSDS forms can be downloaded from the web sites of many chemical suppliers. Also that the information on the PTCL Safety web site, where this page was hosted, has been copied onto many other sites, often without permission. If you have any doubts about the veracity of the information that you are viewing, or have any queries, please check the URL that your web browser displays for this page. If the URL begins "www.tajapi.com/www/Denatonium Benzoate.htm/" the page is maintained by the Safety Officer in Physical Chemistry at Oxford University. If not, this page is a copy made by some other person and we have no responsibility for it.

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
Taj Pharmaceuticals Limited,
Mumbai (India).

MPSTJ278

Last revised: 29 August 2009