

Task Began December 20, 2011 05:31 AM

Explore references by research topic: Besifloxacin

Candidates Selected (ID 1)

95 references were found containing the concept "Besifloxacin".

Answer Type:

Answers

Result Count:

95

Refine by language (ID 2)

Languages:Chinese

From ID:

1

Answer Type:

Answers

Result Count:

4

Detailed display

Type:

A new fluoroquinolone antibacterial agent: besifloxacin for treating bacterial conjunctivitis

1. A new fluoroquinolone antibacterial agent: besifloxacin for treating bacterial conjunctivitis

By: Feng, Lianshun; Wang, Shuo; Liu, Mingliang

Source: Guowai Yiyao Kangshengsu Fence, Volume: 32, Issue: 3, Pages: 116-123, Journal; General Review, 2011, CODEN: GYKFAT, ISSN: 1001-8751

Company/Organization: Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, Peop. Rep. China, 100050

Accession Number: 2011:1076524, CAPLUS

Publisher: Zhongguo Kangshengsu Zazhishe

Language: Chinese

Abstract

A review with no ref. is given on the besifloxacin (BSFX), a new fluoroquinolone antibacterial agent, for treating bacterial conjunctivitis. BSFX developed by Bausch & Lomb is a new fluoroquinolone antibacterial agent for treating sensitive bacteria-induced bacterial conjunctivitis. It has broad-spectrum antibacterial activity to common pathogenic bacteria of conjunctivitis including drug-resistant strains. Researches have indicated that 0.6% BSFX suspension eyedrop has the advantages of low administration frequency, low and slight adverse reaction rate, good tolerance, definite clin. therapeutic effect (successful rate and microbes-removing rate are no worse than those of moxifloxacin), etc. Inhibitory effects of BSFX on DNA gyrase and topoisomerase tend to balance, and BSFX is only used for treating bacterial conjunctivitis, so it has small drug-resistant selection pressure compared with other commonly used antibacterial agents. This paper systematically reviews prepn. methods, action mechanisms/drug resistance mechanisms, antibacterial activities to Gram-pos. or Gram-neg. bacteria and anaerobic bacteria, pharmacokinetics, pharmacodynamics, clin. tests, etc.

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Supplementary Terms

besifloxacin; conjunctivitis; prepn; antibacterial; test; review; action; drug; resistance; mechanism; pharmacokinetics; pharmacodynamics;

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