

NEW COMPOUND WITH ANTIBACTERIAL ACTIVITY

DISCLOSURE OF INVENTION

CSIC with other participants have developed a compound with a strong antibacterial activity, especially in the group of Gram positive bacteria. This new compound acts on a specific target of this group of microorganisms, so it has no adverse effects in humans. On the other hand, the use of this compound prevents the increasingly frequent occurrence of microbial resistance, since their mode of action prevents their appearance.

This is worrying, because if new compounds with which treat these infections are not developed, it may happen not to have way to treat them. The compound developed by CSIC prevents development of resistance to antibiotics, because it acts so that the compound causes a reduction in the life activity of the microorganism, not its death directly. This is essential to prevent the development of bacterial resistance.

INDUSTRIAL APPLICATION SECTORS

The invention is applicable in the pharmaceutical sector, the use of this new invention is to treat infectious diseases caused by bacteria, especially gram-positive bacteria type. Is not only applicable to humans, also is applicable to treat animals, so it is interesting for the hospital and veterinarian sectors.

TECHNICAL ADVANTAGES AND BUSINESS PROFITS

The compound with antibacterial activity allows the elimination of bacteria without harmful effects in humans. Your target action is that vital to the survival of the bacteria mechanism. It is effective against bacteria such as *Staphylococcus*, *Escherichia*, *Streptococcus*, *Klebsiella*, *Mycobacterium*, *Clostridium*, *Acinetobacter* and *Enterococcus*.

- The target of action of the compound is present only in bacteria, so it has no harmful effects in humans.
- The new compound prevents the occurrence of bacterial resistance.
- The application of the compound with antibacterial activity can be performed by different routes of administration: oral, topical, parenteral ... etc.
- Compound effective against a wide range of gram positive Gam

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DEVELOPMENT STATUS OF TECHNOLOGY

The above-described technology is developed experimentally. Several studies shows the reliability and reproducibility of the method for the production of animal models useful for producing the compound with antibacterial activity.

INDUSTRIAL PROPERTY RIGHTS

The technology for producing the compound with antibacterial activity is protected by patent.

TYPES OF COLLABORATION

Interested partners to establish Wanted:

- License Agreement, manufacturing or marketing.
- R & D project to develop the new drug.

RELATED IMAGES

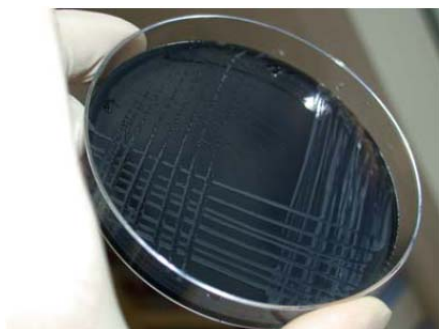


Image 1: Bacterial resistance is a challenge to overcome for drugs commonly used

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