

INDOLE DERIVATIVES FOR THE TREATMENT OF DIABETES AND RELATED METABOLIC DISORDERS

DISCLOSURE OF INVENTION

CSIC researchers have discovered a series of indole derivatives compounds, which are useful for treating diabetes and related metabolic disorders (inflammatory diseases, autoimmune, cardiovascular, neurological ...). These compounds act on different metabolic routes regulators, mainly involved in the regulation of energy metabolism. Therefore, they have found a useful new therapeutic target on which to act to try to control these diseases.

These compounds open the way to act on new therapeutic targets so far not been considered for treating these diseases. It is a complementary option to current treatments and allows a different therapeutic approach for these diseases. Thus allow to have more options to counter these diseases.

INDUSTRIAL APPLICATION SECTORS

The invention is applicable in the pharmaceutical sector. For the business sector using these compounds to create new pharmaceuticals against a range of diseases that are increasingly common among the population.

TECHNICAL ADVANTAGES AND BUSINESS PROFITS

These new indole derivatives compounds, act on a new therapeutic target, which acts regulating energy metabolism of the cell. Get new targets against common diseases such as diabetes, open new fronts to treat these diseases. They can be used supplementary or alternative way to current treatments.

Currently, it is increasingly the incidence of diabetes and other metabolic disorders. Therefore, we must seek alternatives to current treatments. With these new compounds, the pharmaceutical industry has the opportunity to develop new drugs to treat these diseases.

Being a therapeutic target which is involved in energy metabolism, it is possible that these compounds acting on it, affect a wide variety of diseases. From diabetes to inflammatory, autoimmune, cardiovascular, neurological diseases and cancer. Therefore, the development of these compounds indole derivatives, involves the possibility of developing a wide range of products for the pharmaceutical sector.

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 these compounds derivatives of Indol useful for treating diabetes and other metabolic disorders.

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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: Discovery of new therapeutic targets, enables the creation of new drugs to treat diseases.

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