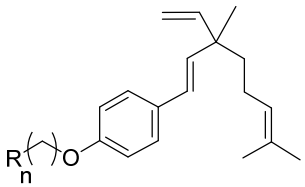
ABSTRACT

A bakuchiol derivative, a pharmaceutically acceptable salt thereof, a preparation method therefor and an application thereof. The bakuchiol derivative has the structure represented by formula (I). The series of bakuchiol-based amphiphilic antibacterial compounds have excellent antibacterial activity and can overcome the development of bacterial resistance in laboratory-simulated drug resistance research.

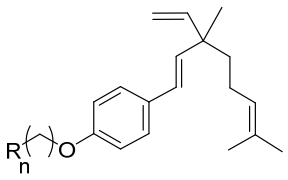


(I)

FIG. 1

ABSTRACT

The disclosure relates to a bakuchiol derivative, a pharmaceutically acceptable salt thereof, and a preparation method and use of the same. The bakuchiol derivative has a structure shown in formula (I):



(I).

The above series of amphiphilic antibacterial compounds based on bakuchiol have comparatively excellent antibacterial activities and can overcome the generation of drug resistance of bacteria in drug resistance research simulated in a laboratory.

FIG. 1