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(54) Title: TETRAHYDROPYRIDINE DERIVATIVES AND THEIR USE AS ANTIBACTERIAL AGENTS

(57) Abstract: The present disclosure relates to a novel tetrahydropyridine derivative compound, a stereoisomer thereof, or a pharmaceutically acceptable salt thereof, methods for preparing the compounds, methods for inhibiting UDP-3-O-(R-3-hydroxymyristoyl)-N-acetylglucosamine deacetylase (LpxC), methods for treating Gram-negative bacterial infections, the use of the compounds for the preparation of therapeutic medicaments for treating Gram-negative bacterial infections, and pharmaceutical compositions for prevention or treatment of Gram-negative bacterial infections, which contain the compounds. The compounds represented by formula I, stereoisomers thereof or pharmaceutically acceptable salts thereof according to the present disclosure can exhibit excellent effects on the treatment bacterial infections.



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