

Title (en)

SUBSTITUTED AMINOMETHYL ISOXAZOLINE DERIVATIVES USEFUL AS ANTIMICROBIALS

Title (de)

SUBSTITUIERTE AMINOMETHYL ISOXAZOLIN DERIVATE VERWENDBAR ALS ANTIMIKROBIELLE MITTEL

Title (fr)

DERIVES D'ISOXAZOLINE AMINOMETHYLE SUBSTITUES UTILES EN TANT QU'AGENTS ANTIMICROBIENS

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Application

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Abstract (en)

[origin: WO9943671A1] The present invention provides novel substituted aminoheteroaromatic isoxazoline derivatives of formula (I), wherein R1 is H, alkyl, cycloalkyl, alkoxy, amino, or alkylamino; Y is H, F, or CH3; W is O, or S; Ring P is a 5-membered heteroaromatic moiety having one to three atoms selected from the group consisting of sulfur, nitrogen and oxygen atoms, wherein the 5-membered heteroaromatic moiety can additionally have a fused-on benzene or naphthyl, a 6-membered heteroaromatic moiety having at least one nitrogen atom, wherein the 6-membered heteroaromatic moiety can additionally have a fused-on benzene, naphthyl or 5-membered heteroaromatic moiety having one to three atoms selected from the group consisting of sulfur, nitrogen and oxygen atoms; Q is a 4-, 5-, 6-, 7-, or 9-membered heterocyclic moiety containing one or more nitrogen, sulfur and/or oxygen. The compounds of the invention have high antimicrobial activity for preventing and treating infectious diseases.

IPC 1-7

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IPC 8 full level

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