

Title (en)

USE OF BENZOYLGUANIDINES FOR THE TREATMENT OF NON-INSULIN-DEPENDENT DIABETES MELLITUS

Title (de)

VERWENDUNG VON BENZOYLGUANIDINEN ZUR BEHANDLUNG VON NICHT-INSULIN-ABHÄNGIGEN DIABETES MELLITUS

Title (fr)

UTILISATION DE BENZOYLGUANIDINES POUR LE TRAITEMENT DU DIABETE NON INSULINO-DEPENDANT

Publication

EP 1131064 A2 20010912 (EN)

Application

EP 99958047 A 19991116

Priority

- EP 99958047 A 19991116
- EP 9908795 W 19991116
- EP 98122419 A 19981126

Abstract (en)

[origin: WO0030624A2] The invention relates to the use of benzoylguanidines of formula (I) wherein R<1> is A; R<2> is Het, CnFmH2n+1-mOp, R<4>, OR<4>, OH, benzyl, CN, Hal, SOq-R<5>, Ph, O-Ph, O-Het, NH-Het, NH2, NHA, NA2 or NH-Ph; R<3> is SO2A'; R<4> is a straight-chain or branched alkyl radical having 1 to 8 C atoms or cycloalkyl having 3 to 8 C atoms which can be unsubstituted or mono-, di- or trisubstituted by A; R<5> is A or Ph; A, A' in each case independently of one another are alkyl having 1 to 6 C atoms; Het is a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having from 1 to 4 N, O and/or S atoms, which can be substituted once, twice or three times by Hal, CF3, A, CN, NO2, NH2 and/or carbonyl oxygen; Hal is F, Cl, Br or I; Ph is unsubstituted phenyl or substituted once, twice or three times by A, OA, Hal, CF3, NH2, NHA or NA2; m is 1, 2, 3, 4, 5, 6, 7, but at most 2n+1; n is 1, 2 or 3; p is 0 or 1; q is 0, 1 or 2, and/or their physiologically acceptable salts and solvates for the production of a medicament for the treatment of non-insulin-dependent diabetes mellitus.

[origin: WO0030624A2] (57) Abstract The invention relates to the use of benzoylguanidines of formula (I) wherein R<1> is A; R<2> is Het, CnFmH2n+1-mOp, R<4>, OR<4>, OH, benzyl, CN, Hal, SOq-R<5>, Ph, O-Ph, O-Het, NH-Het, NH2, NHA, NA2 or NH-Ph; R<3> is SO2A'; R<4> is a straight-chain or branched alkyl radical having 1 to 8 C atoms or cycloalkyl having 3 to 8 C atoms which can be unsubstituted or mono-, di- or trisubstituted by A; R<5> is A or Ph; A, A' in each case independently of one another are alkyl having 1 to 6 C atoms, and/or their physiologically acceptable salts and solvates for the production of a medicament for the treatment of non-insulin-dependent diabetes mellitus.

IPC 1-7

A61K 31/155; **A61K 31/40**; **A61P 5/48**

IPC 8 full level

A61K 31/155 (2006.01); **A61K 31/166** (2006.01); **A61K 31/40** (2006.01); **C07D 207/327** (2006.01); **A61K 31/402** (2006.01); **A61P 3/10** (2006.01); **A61P 5/48** (2006.01); **C07C 279/22** (2006.01)

CPC (source: EP KR)

A61K 31/135 (2013.01 - KR); **A61K 31/155** (2013.01 - EP); **A61K 31/402** (2013.01 - EP); **A61P 3/10** (2018.01 - EP); **A61P 5/48** (2018.01 - EP)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0030624 A2 20000602; **WO 0030624 A3 20001005**; AR 023064 A1 20020904; AU 1553500 A 20000613; BR 9915667 A 20010814; CA 2352154 A1 20000602; CN 1328452 A 20011226; CZ 20011785 A3 20011017; EP 1131064 A2 20010912; HU P0104418 A2 20020429; ID 29523 A 20010906; JP 2002530325 A 20020917; KR 20010080597 A 20010822; NO 20012563 D0 20010525; NO 20012563 L 20010525; PL 348152 A1 20020506

DOCDB simple family (application)

EP 9908795 W 19991116; AR P990106043 A 19991126; AU 1553500 A 19991116; BR 9915667 A 19991116; CA 2352154 A 19991116; CN 99813826 A 19991116; CZ 20011785 A 19991116; EP 99958047 A 19991116; HU P0104418 A 19991116; ID 20011318 A 19991116; JP 2000583507 A 19991116; KR 20017006615 A 20010526; NO 20012563 A 20010525; PL 34815299 A 19991116