

5 R²⁷ and R²⁸ or R²⁷ and R²⁹ together with the nitrogen atom to which they are attached form a saturated or partially unsaturated 5- to 7-membered heterocycle having up to three, preferably up to two, identical or different heteroatoms from the group consisting of N, O and S, and

10 R³⁰ and R³¹ are identical or different and independently of one another each represents hydrogen, (C₁-C₄)-alkyl, (C₃-C₇)-cycloalkyl, (C₁-C₄)-alkylsulphonyl, (C₁-C₄)-hydroxyalkyl, (C₁-C₄)-aminoalkyl, di-(C₁-C₄)-alkylamino-(C₁-C₄)-alkyl, -CH₂C(NR²⁷R²⁸)=NR²⁹ or -COR³³,

15

where

20 R³³ represents (C₁-C₆)-alkoxy, (C₁-C₄)-alkoxy-(C₁-C₄)-alkyl, (C₁-C₄)-alkoxycarbonyl-(C₁-C₄)-alkyl, (C₁-C₄)-aminoalkyl, (C₁-C₄)-alkoxycarbonyl, (C₁-C₄)-alkanoyl-(C₁-C₄)-alkyl, (C₃-C₇)-cycloalkyl, (C₁-C₆)-alkenyl, (C₁-C₈)-alkyl, which may optionally be substituted by phenyl or acetyl, (C₆-C₁₄)-aryl, (C₅-C₁₀)-heteroaryl, trifluoromethyl, tetrahydrofuranyl or butyrolactone,

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R³, R⁴, R⁵, R⁶, R⁷ and R⁸ are identical or different and each represents hydrogen or represents (C₁-C₆)-alkyl

and their pharmaceutically acceptable salts, hydrates and prodrugs,

except for compounds of the general formula (I) in which the radical R¹ is an unsubstituted 2-thiophene radical and the radical R² is simultaneously a mono- or polysubstituted phenyl radical and the radicals R³, R⁴, R⁵, R⁶, R⁷ and R⁸ are each simultaneously hydrogen.

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3. Compounds of the general formula (I) according to Claim 1, characterized in that

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R¹ represents thiophene (thienyl), in particular 2-thiophene, which may optionally be mono- or polysubstituted by halogen, preferably chlorine or bromine, by amino, aminomethyl or (C₁-C₈)-alkyl, preferably methyl, where the (C₁-C₈)-alkyl radical for its part may optionally be mono- or polysubstituted by halogen, preferably fluorine,

15

R² represents one of the groups below:

A-,

A-M-,

D-M-A-,

20

B-M-A-,

B-,

B-M-,

B-M-B-,

D-M-B-,

25

where:

the radical "A" represents (C₆-C₁₄)-aryl, preferably (C₆-C₁₀)-aryl, in particular phenyl or naphthyl, very particularly preferably phenyl;

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the radical "B" represents a 5- or 6-membered aromatic heterocycle which contains up to 3 heteroatoms and/or hetero

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chain members, in particular up to 2 heteroatoms and/or hetero chain members, from the group consisting of S, N, NO (N-oxide) and O;

5 the radical "D" represents a saturated or partially unsaturated 4- to 7-membered heterocycle which contains up to three heteroatoms and/or hetero chain members from the group consisting of S, SO, SO₂, N, NO (N-oxide) and O;

10 the radical "M" represents -NH-, -CH₂-, -CH₂CH₂-, -O-, -NH-CH₂-, -CH₂-NH-, -OCH₂-, -CH₂O-, -CONH-, -NHCO-, -COO-, -OOC-, -S- or represents a covalent bond;

where

15 the groups "A", "B" and "D" defined above may in each case optionally be mono- or polysubstituted by a radical from the group consisting of halogen; trifluoromethyl; oxo; cyano; nitro; carbamoyl; pyridyl; (C₁-C₆)-alkanoyl; (C₃-C₇)-cycloalkanoyl; (C₆-C₁₄)-arylcarbonyl; (C₅-C₁₀)-heteroarylcarbonyl; (C₁-C₆)-alkanoyloxymethoxy; -COOR²⁷; -SO₂R²⁷;

20 -C(NR²⁷R²⁸)=NR²⁹; -CONR²⁸R²⁹; -SO₂NR²⁸R²⁹; -OR³⁰; -NR³⁰R³¹, (C₁-C₆)-alkyl and (C₃-C₇)-cycloalkyl,

25 where (C₁-C₆)-alkyl and (C₃-C₇)-cycloalkyl for their part may optionally be substituted by a radical from the group consisting of cyano; -OR²⁷; -NR²⁸R²⁹; -CO(NH)_v(NR²⁷R²⁸) and -C(NR²⁷R²⁸)=NR²⁹,

where:

v is either 0 or 1 and

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R²⁷, R²⁸ and R²⁹ are identical or different and independently of one another each represents hydrogen, (C₁-C₄)-alkyl or (C₃-C₇)-cycloalkyl, and/or

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R²⁷ and R²⁸ or R²⁷ and R²⁹ together with the nitrogen atom to which they are attached form a saturated or partially unsaturated 5- to 7-membered heterocycle having up to three, preferably up to two, identical or different heteroatoms from the group consisting of N, O and S, and

10

R³⁰ and R³¹ are identical or different and independently of one another each represents hydrogen, (C₁-C₄)-alkyl, (C₃-C₇)-cycloalkyl, (C₁-C₄)-alkylsulphonyl, (C₁-C₄)-hydroxyalkyl, (C₁-C₄)-aminoalkyl, di-(C₁-C₄)-alkylamino-(C₁-C₄)-alkyl, (C₁-C₄)-alkanoyl, (C₆-C₁₄)-arylcarbonyl, (C₅-C₁₀)-heteroarylcarbonyl, (C₁-C₄)-alkylaminocarbonyl or -CH₂C(NR²⁷R²⁸)=NR²⁹,

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20

R³, R⁴, R⁵, R⁶, R⁷ and R⁸ are identical or different and each represents hydrogen or represents (C₁-C₆)-alkyl

and their pharmaceutically acceptable salts, hydrates and prodrugs,

25

except for compounds of the general formula (I) in which the radical R¹ is an unsubstituted 2-thiophene radical and the radical R² is simultaneously a mono- or polysubstituted phenyl radical and the radicals R³, R⁴, R⁵, R⁶, R⁷ and R⁸ are each simultaneously hydrogen.

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4. Compounds of the general formula (I) according to Claim 1, characterized in that

5 R¹ represents thiophene (thienyl), in particular 2-thiophene, which may optionally be mono- or polysubstituted by halogen, preferably chlorine or bromine, or by (C₁-C₈)-alkyl, preferably methyl, where the (C₁-C₈)-alkyl radical for its part may optionally be mono- or polysubstituted by halogen, preferably fluorine,

10 R² represents one of the groups below:

 A-,
 A-M-,
 D-M-A-,
 B-M-A-,
15 B-,
 B-M-,
 B-M-B-,
 D-M-B-,

20 where:

 the radical "A" represents phenyl or naphthyl, in particular phenyl;

 the radical "B" represents a 5- or 6-membered aromatic heterocycle which contains up to 2 heteroatoms from the group consisting of S, N, NO (N-oxide) and O;

25 the radical "D" represents a saturated or partially unsaturated 5- or 6-membered heterocycle which contains up to two heteroatoms and/or hetero chain members from the group consisting of S, SO, SO₂, N, NO (N-oxide) and O;

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