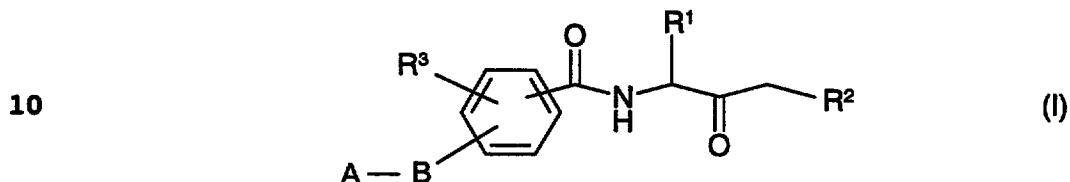


Novel substituted benzamides, their preparation and use

Abstract

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Benzamides of the formula I



and its tautomeric forms, possible enantiomeric and
 15 diastereomeric forms, E and Z forms, and possible physiologically
 tolerated salts, in which the variables have the following
 meanings:

20 R^1 $-C_1-C_6$ -alkyl, branched or unbranched, where one of the C atoms
 in this chain may be substituted by a phenyl ring, cyclohexyl
 ring, indolyl ring and an SCH_3 group, and the phenyl ring in
 turn is substituted by by [sic] a maximum of two R^4 radicals,
 where R^4 [lacuna] hydrogen, C_1-C_4 -alkyl, branched or
 unbranched, $-O-C_1-C_4$ -alkyl, OH, Cl, F, Br, I, CF_3 , NO_2 , NH_2 ,
 25 CN, COOH, $COO-C_1-C_4$ -alkyl, $NHCO-C_1-C_4$ -alkyl, and

R^2 can be NR^5CO-R^6 and $NHR^5SO_2-R^6$, and

30 R^3 is chlorine, bromine, fluorine, C_1-C_6 -alkyl, $NHCO-C_1-C_4$ -alkyl,
 $NHSO_2-C_1-C_4$ -alkyl, NO_2 , $-O-C_1-C_4$ -alkyl, CN, COOH, $CONH_2$,
 $COO-C_1-C_4$ -alkyl, $SO_2-C_1-C_4$ -alkyl, $-SO_2Ph$, $SO_2NH-C_1-C_4$ -alkyl,
 iodine, SO_2NH_2 and NH_2 , and

35 A can be aromatic rings and heteroaromatic rings such as
 naphthyl, quinolyl, quinoxyl, benzimidazolyl, benzothienyl,
 quinazolyl, phenyl, thienyl, imidazolyl, pyridyl, pyrimidyl
 and pyridazyl, it also being possible for the rings to be
 substituted by by [sic] R^9 and up to 2 R^8 radicals, and

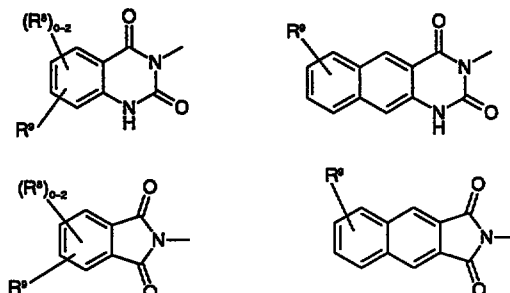
40 B a bond, $-(CH_2)_m-$, $-(CH_2)_m-O-(CH_2)_o-$,
 $-(CH_2)_o-S-(CH_2)_m-$,
 $-(CH_2)_o-SO-(CH_2)_m-$, $-(CH_2)_o-SO_2-(CH_2)_m-$, $-CH=CH-$, $-C=C-$,
 $-CO-CH=CH-$,
 $-(CH_2)_o-CO-(CH_2)_m-$, $-(CH_2)_m-NHCO-(CH_2)_o-$,
 45 $-(CH_2)_m-CONH-(CH_2)_o-$,

$-(CH_2)_m -NHSO_2-(CH_2)_o-$, $-NH-CO-CH=CH-$,
 $-(CH_2)_m -SO_2NH-(CH_2)_o-$,

A-B together also

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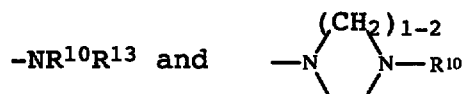
R⁵ hydrogen and C₁-C₄-alkyl and

R⁶ is hydrogen, phenyl, naphthyl, C₁-C₆-alkyl, linear or
 20 branched, it being possible for a C atom in the chain to be
 substituted by a phenyl ring which itself may also be
 substituted by one or two R⁴ radicals, and

R⁸ can be hydrogen, C₁-C₄-alkyl, branched or unbranched,
 -O-C₁-C₄-alkyl, OH, Cl, F, Br, I, CF₃, NO₂, NH₂, CN, COOH,
 25 COO-C₁-C₄-alkyl, -NHCO-C₁-C₄-alkyl, phenyl, NHCO-phenyl,
 -NHSO₂-C₁-C₄-alkyl, -NHSO₂-phenyl, -SO₂-C₁-C₄-alkyl, pyridine
 [sic] and SO₂-phenyl,

R⁹ hydrogen, -CHR¹⁴-(CH₂)_p-R¹² where R¹² pyrrolidine [sic],
 30 morpholine [sic], piperidine [sic], hexahydroazepine [sic],
 homopiperazine [sic],

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and R¹⁰ [lacuna] C₁-C₆-alkyl, branched or unbranched, and
 which may also carry a phenyl ring which is in turn
 substituted by by [sic] a maximum of two R¹¹ radicals, where
 40 R¹¹ is hydrogen, C₁-C₄-alkyl, branched or unbranched,
 -O-C₁-C₄-alkyl, OH, Cl, F, Br, I, CF₃, NO₂, NH₂, CN, COOH,
 COO-C₁-C₄-alkyl, NHCO-C₁-C₄-alkyl, -NHSO₂-C₁-C₄-alkyl and
 -SO₂-C₁-C₄-alkyl; and

45 R¹³ is hydrogen and C₁-C₆-alkyl, branched or unbranched, and

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n,p is [sic], independently of one another, a number 0, 1 or 2,
and

m,o is [sic], independently of one another, a number 0, 1, 2, 3
5 or 4.

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