Title (en)

PROTEASE INHIBITORS

Title (de)

PROTEASEINHIBITOREN

Title (fr)

INHIBITEURS DE PROTEASES

Publication

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Application

EP 98919821 A 19980415

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Abstract (en)

[origin: WO9846582A1] This invention relates to compounds of formula (I) wherein: X, Y and Z independently are N, O, S or CR', provided that at least two of X, Y and Z are heteroatoms and at least one of X, Y and Z is N; or one of X, Y and Z is C=N, C=C or N=N and the other two are CR' or N, provided that X, Y and Z together comprise at least two N; <u>---</u> indicates a single or double bond; R<1> is R'', R''C(O), R''C(S), R''SO2, R''OC(O), or R''OC(O)NR'CH(R<6>)C(O); R<2> is H, C1-6alkyl, C2-6alkenyl, Ar-C0-6alkyl, or Het-C0-6alkyl; R<3> is H, C1-6alkyl, C2-6alkenyl, C2-6alkynyl, C3-6cycloalkyl-C0-6alkyl, Ar-C0-6alkyl, or Het-C0-6alkyl; R<4> is H, C1-6alkyl, C2-6alkenyl, Ar-C0-6alkyl, or Het-C0-6alkyl; R<5> is C1-6alkyl, Ar-C0-6alkyl, Het-C0-6alkyl, CH(R<6>)NR'R<7>, CH(R<6>)Ar, CH(R<6>)OAr, or NR<8>R<9>; R6, R7, R8 and R9 are as defined in the description; R<10> is H, C1-6alkyl, C2-6alkenyl, C2-6alkynyl, C3-6cycloalkyl-C0-6alkyl, Ar-C0-6alkyl, or Het-C0-6alkyl; n is 1, 2 or 3; or a pharmaceutically acceptable salt thereof, which are inhibitors of cysteine porteases, particularly cathepsin K, and are useful in the treatment of diseases in which inhibition of bone loss is a factor.

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