Title (en)

CARBOCYCLIC AND HETEROCYCLIC HIV PROTEASE INHIBITORS.

Title (de)

CARBOCYCLISCHE UND HETEROCYCLISCHE HIV-PROTEASE-LUHIBITOREN.

Title (fr)

INHIBITEURS CARBOCYCLIQUES ET HETEROCYCLIQUES DE LA PROTEASE DU HIV.

Publication

EP 0641306 A1 19950308 (EN)

Application

EP 92914474 A 19920604

Priority

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- US 71073491 A 19910604

Abstract (en)

[origin: WO9221647A1] Compounds of formula (I) wherein R1 and R4 are OH, (CHR5)mCOR6, (CHR5)mCH(OH)R5 or R5; R2 and R3 are H, C1-8alkyl, Het, C3-10cycloalkyl, Het-C1-8alkyl, C2-8alkenyl, Het-C2-8alkenyl, C3-10cycloalkyl-C1-8alkyl or C3-10cycloalkyl-C2-8alkenyl; R5 is R2 or R2 mono- or di-substituted by G; R6 is H, OH, OR', R2, N(R')2, AA or NHC(=NR<7>)NHR''; R7 is H, CN, COR' or SO2R'; R' is H, C1-6alkyl, C3-10cycloalkyl or C1-8alkyl-C3-10cycloalkyl; R'' is R', COR', C(O)OR' or CON(R')2; G is OR', OC(O)R', OC(O)N(R')2, halogen, COR6, NR'-AA, NHCOR', SO2N(R')2, NHSO2N(R')2, NHC(=NR<7>)NHR'', CF3 or N(R')2; AA is one or two amino acids; Z is CH2, CHOH, CHN(R')2, CHNHCOOR, S, SO, SO2, SONH, O, CHCH2OH, CHCO2H, C=O, NR'', N(O)R' or C=NHOR'; Q is CHOH, S, SO or SO2; m is 0, 1 or 2; n is 0 or 1; and pharmaceutically acceptable salts thereof, inhibit the HIV-1 protease and are useful in the treatment of AIDS.

IPC 1-7

C07C 69/757; C07C 49/497; C07C 35/06; C07D 333/48; C07D 335/02; A61K 31/215; A61K 31/045; A61K 31/12; A61K 31/38

IPC 8 full level

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Citation (search report)

See references of WO 9221647A1

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