(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 April 2002 (18.04.2002)

PCT

(10) International Publication Number
WO 02/30907 A1

(51) International Patent Classification[7]: C07D 231/18, A61K 31/415, 31/4155, A61P 31/18, C07D 401/06, 231/22, 401/12, 403/06, 403/12, 413/06

(21) International Application Number: PCT/EP01/11474

(22) International Filing Date: 4 October 2001 (04.10.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0024795.7 10 October 2000 (10.10.2000) GB

(71) Applicant: F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basle (CH)

(72) Inventors: DYMOCK, Brian, William, 15 Vesta Avenue, St Albans, Hertfordshire AL1 2PJ (GB). JONES, Philip, Stephen, 58 Digswell rise, Welwyn Garden City, Hertfordshire AL8 7PW (GB). MERRETT, John, Herbert; 23 Bush Spring, Baldock, Hertfordshire SG7 6QT (GB). PARRATT, Martin, John; 22 Chapel Lane, Letty Green, Hertford, Hertfordshire SG14 2PA (GB).

(74) Agent: MEZGER, Wolfgang; Grenzacherstrasse 124, CH-4070 Basle (CH).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette

162162

WO 02/30907 A1

(54) Title: PYRAZOLE DERIVATIVES FOR THE TREATMENT OF VIRAL DISEASES

(57) Abstract: The invention is concerned with novel and known pyrazole derivatives, a process for their manufacture, pharmaceutical compositions and the use of such compounds in medicine In particular, the compounds of formula (I) are inhibitors of the human immunodeficiency virus reverse transcriptase enzyme which is involved in viral replication. Consequently the compounds of this invention may be advantageously used as therapeutic agents for HIV mediated process. Specifically the invention describes the use of compounds of formula (I) for the treatment of diseases mediated by the human immunodeficiency virus (HIV) or for the preparation of a medicament for such treatment.