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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
19 April 2007 (19.04.2007)

PCT

(10) International Publication Number
WO 2007/042883 A1

(51) International Patent Classification:
C07D 471/14 (2006.01) *A61P 31/18* (2006.01)
A61K 31/4375 (2006.01)

(21) International Application Number:
PCT/IB2006/002735

(22) International Filing Date:
25 September 2006 (25.09.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/724,484	7 October 2005 (07.10.2005)	US
60/730,701	26 October 2005 (26.10.2005)	US
60/761,605	24 January 2006 (24.01.2006)	US
60/823,954	30 August 2006 (30.08.2006)	US
60/826,379	20 September 2006 (20.09.2006)	US

(71) Applicant *(for all designated States except US)*: **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **DRESS, Klaus, Ruprecht** [DE/US]; Pfizer Global Research and Development, 10555 Science Center Drive, San Diego, CA 92121 (US). **JOHNSON, Ted, William** [US/US]; Pfizer Global Research and Development, 10555 Science Center Drive, San Diego, CA 92121 (US). **PLEWE, Michael, Bruno** [DE/US]; Pfizer Global Research and Development, 10555 Science Center Drive, San Diego, CA 92121 (US). **TANIS, Steven, Paul** [US/US]; Pfizer Global Research and Development, 10555 Science Center Drive, San Diego, CA 92121 (US). **ZHU, Huichun** [CN/US]; Pfizer Global Research and Development, 10555 Science Center Drive, San Diego, CA 92121 (US).

(74) Agents: **FULLER, Grover, F., Jr.** et al.; Pfizer Inc., 150 East 42nd Street, New York, NY 10017-5612 (US).

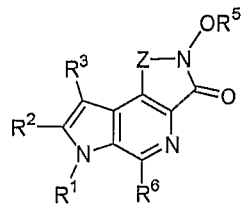
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (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.

(54) Title: INHIBITORS OF THE HIV INTEGRASE ENZYME



(I)

(57) Abstract: The present invention is directed to compounds of Formula (I), and pharmaceutically acceptable salts and solvates thereof, their synthesis, and their use as modulators or inhibitors of the human immunodeficiency virus ("HIV") integrase enzyme.

WO 2007/042883 A1