

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 March 2007 (08.03.2007)

PCT

(10) International Publication Number
WO 2007/025880 A3

(51) International Patent Classification:

C07D 231/20 (2006.01) C07D 471/04 (2006.01)
C07D 231/22 (2006.01) C07D 231/56 (2006.01)
C07D 231/26 (2006.01) C07D 231/54 (2006.01)
C07D 487/04 (2006.01)

(21) International Application Number:

PCT/EP2006/065471

(22) International Filing Date: 21 August 2006 (21.08.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

05107970.5 31 August 2005 (31.08.2005) EP

(71) Applicant (for all designated States except US): **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **AMREIN, Kurt** [CH/CH]; Lettenweg 8, CH-4452 Itingen (CH). **HUNZIKER, Daniel** [CH/CH]; Buerklistrasse 14, CH-4313 Moehlin (CH). **KUHN, Bernd** [DE/CH]; Sonnmattweg 42, CH-4410 Liestal (CH). **MAYWEG, Alexander V.** [DE/CH]; Martinsgasse 8, CH-4051 Basel (CH). **NEIDHART, Werner** [DE/FR]; 9 Rue du Steinler, F-68220 Hagenthal Le Bas (FR).

(74) Agent: **WASCHBUESCH, Klaus**; Grenzacherstrasse 124, CH-4070 Basel (CH).

(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).

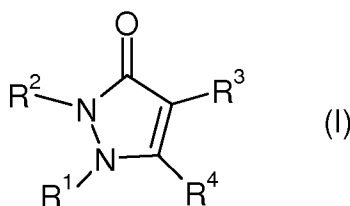
Published:

- 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

(88) Date of publication of the international search report:
3 May 2007

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: PYRAZOLONE DERIVATIVES AS 11-BETA HSD1 INHIBITORS



(57) Abstract: Compounds of formula (I) as well as pharmaceutically acceptable salts and esters thereof, wherein R¹ to R⁴ have the significance given in claim 1 can be used in the form of pharmaceutical compositions.

WO 2007/025880 A3