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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
21 December 2006 (21.12.2006)

PCT

(10) International Publication Number
WO 2006/134467 A1

(51) International Patent Classification:
C07D 417/12 (2006.01) *A61K 31/4439* (2006.01)
C07D 213/75 (2006.01) *A61P 9/00* (2006.01)

(21) International Application Number:
PCT/IB2006/001581

(22) International Filing Date: 6 June 2006 (06.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/691,350 16 June 2005 (16.06.2005) US
60/748,778 9 December 2005 (09.12.2005) US

(71) Applicant *(for all designated States except US)*: **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **DRESS, Klaus, Ruprecht** [DE/US]; Pfizer Global Research and Development, Agouron / Pfizer La Jolla, 10777, Science Center Drive, San Diego, CA 92121 (US). **NAIR, Sajiv, Krishman** [IN/US]; Pfizer Global Research and Development, Agouron / Pfizer La Jolla, 10777, Science Center Drive, San Diego, CA 92121 (US). **SIU, Michael** [US/US]; Pfizer Global Research and Development, Agouron / Pfizer La Jolla, 10777, Science Center Drive, San Diego, CA 92121 (US). **TAYLOR, Wendy, Dianne** [US/US]; Pfizer Global Research and Development, Agouron / Pfizer La Jolla, 10777, Science Center Drive, San Diego, CA 92121 (US).

(74) Agents: **FULLER, Grover, F., Jr.** et al.; c/o Drouin, Stéphane, Pfizer Global Researchand Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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*

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: N-(PYRIDIN-2-YL)-SULFONAMIDE DERIVATIVES

(57) Abstract: The present invention relates to novel compounds, to pharmaceutical compositions comprising the compounds described herein, their pharmaceutically acceptable salts, hydrates and solvates, as well as to the use of the compounds in medicine and for the preparation of a medicament which acts on the human 11-β-hydroxysteroid dehydrogenase type 1 enzyme (11βHSD1).

WO 2006/134467 A1