

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 May 2008 (22.05.2008)

PCT

(10) International Publication Number
WO 2008/058767 A1

(51) International Patent Classification:

C07J 1/00 (2006.01) A61K 31/567 (2006.01)
C07J 21/00 (2006.01) A61P 5/36 (2006.01)
C07J 51/00 (2006.01)

(21) International Application Number:

PCT/EP2007/009997

(22) International Filing Date:

14 November 2007 (14.11.2007)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10 2006 054 535.4
15 November 2006 (15.11.2006) DE

(71) Applicant (for all designated States except US): **BAYER SCHERING PHARMA AKTIENGESELLSCHAFT** [DE/DE]; Müllerstrasse 178, 13353 Berlin (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FUHRMANN, Ulrike** [DE/DE]; Charlottenburger Ufer 4, 10587 Berlin (DE). **SCHMIDT, Anja** [DE/DE]; Wielandstrasse 11, 10529 Berlin (DE). **CLEVE, Arwed** [DE/DE]; Konstanzer Strasse 8, 10707 Berlin (DE). **PETROV, Orlin** [DE/DE]; Pücklerstr. 8, 14195 Berlin (DE). **GARKE, Gunnar** [DE/DE]; Veltheimstrasse 12, 13467 Berlin (DE). **PRUEHS, Stefan** [DE/DE]; Schwannstrasse 30, 41460 Neuss (DE). **BRUDNY-KLOEPPEL, Margarete** [DE/DE]; Kreuzbergstrasse 29, 10965 Berlin

(DE). **ROTTMANN, Antje** [DE/DE]; Choriner Strasse 52, 10435 Berlin (DE). **HASSELMANN, Rainer** [DE/DE]; Sagemühler Steig 72, 13503 Berlin (DE). **SCHULTZE-MOSGAU, Marcus** [DE/DE]; Wachsmuthstrasse 23, 13467 Berlin (DE). **MOELLER, Carsten** [DE/DE]; Windscheidstrasse 22, 10627 Berlin (DE).

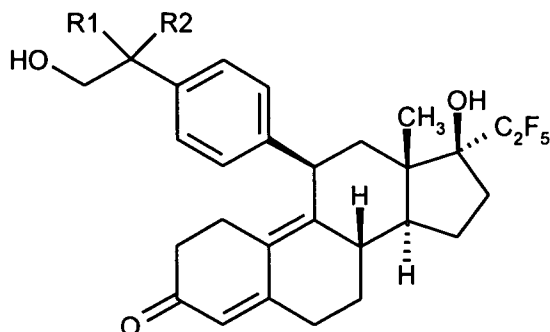
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, 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, MT, 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

(54) Title: PROGESTERONE RECEPTOR ANTAGONISTS



(I)

(57) Abstract: The present invention relates to progesterone receptor antagonists of general formula I: in which R1 can be a hydrogen atom and R2 a hydroxyl group or R1 and R2 together can be an oxo group.