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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
15 March 2001 (15.03.2001)

PCT

(10) International Publication Number
WO 01/18027 A1

(51) International Patent Classification[7]: C07J 1/00, A61K 31/565, C07J 71/00, 51/00

(21) International Application Number: PCT/EP00/08406

(22) International Filing Date: 28 August 2000 (28.08.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
99202900.9 6 September 1999 (06.09.1999) EP

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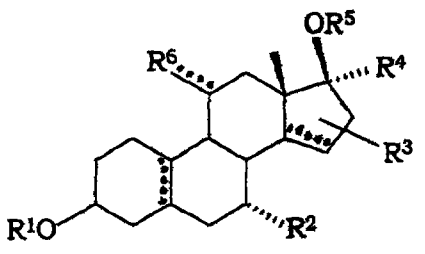
(81) Designated States *(national)*: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA.

(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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, 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: NON-AROMATIC ESTROGENIC STEROIDS WITH A HYDROCARBON SUBSTITUENT IN POSITION 11



(I)

(57) Abstract: Disclosed are novel, selective estrogens type having a steroid skeleton with a non-aromatic A-ring and a free or capped hydroxyl group at carbon atom No. 3. The estrogens satisfy general formula (I), in which R^1 is H, (C_1-C_3)alkyl or (C_2-C_3)acyl; R^2 is H, α-(C_1-C_4)alkyl, α-(C_2-C_4)alkenyl or α-(C_2-C_4)alkynyl; R^3 is H or (C_1-C_4)alkyl, (C_2-C_4)alkenyl or (C_2-C_4)alkynyl, each at location 15 or 16 of the steroid skeleton; R^4 is H or (C_1-C_5)alkyl, (C_2-C_5)alkenyl or (C_2-C_5)alkynyl, each optionally substituted with halogen; preferred is ethynyl; R^5 is H, (C_1-C_3)alkyl or (C_2-C_3)acyl; R^6 is (C_1-C_5)alkyl, (C_2-C_5)alkenyl, (C_2-C_5)alkynyl or (C_1-C_5)alkylidene, each optionally substituted with halogen or (C_1-C_3)alkyloxy; dotted bonds represent optional double bonds.

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