

Title (en)

NOVEL 2-SUBSTITUTED ESTRA-1,3,5(10)-TRIEN-17-ONES USED IN THE FORM OF INHIBITORS OF 17BETA-HYDROXYSTEROIDDEHYDROGENASE OF TYPE 1

Title (de)

NEUE 2-SUBSTITUIERTE ESTRA-1,3,5(10)-TRIEN-17-ONE ALS INHIBITOREN DER 17BETA-HYDROXY-STEROIDDEHYDROGENASE TYP 1

Title (fr)

NOUVELLES OESTRA-1,3,5(10)-TRIENE-17-ONES 2-SUBSTITUEES, UTILISEES COMME INHIBITEURS DE LA 17BETA-HYDROXYSTEROIDE-DEHYDROGENASE DE TYPE 1

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Application

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Abstract (en)

[origin: WO2006003013A2] The invention relates to novel 2-substituted estra-1,3,5(10)-trien-17-ones of formula (I), wherein R² is an C₁₋₈ alkyl saturated or unsaturated group, an C₁₋₅-alkyloxy group, an aralkyl- or alkylaryl rest, an -O-C_n-F_m-H_o rest, wherein n=1,2,3,4,5 or 6, m=1 and m = 2n+1, or a CH₂-XY group in which X is an oxygen atom and Y is an alkyl rest containing 1 to 4 carbon atoms, a halogen atom and a nitrile group, R¹³ is a hydrogen atom or a methyl group, R₁₆ is a hydrogen or fluorine atom, Z is an oxygen or sulfur atom, each R⁴ and R⁶ independently of each other represents a α or β hydrogen atom, an C₁₋₅ alkyl, C₁₋₅-alkyloxy, C₁₋₅-acyl or hydroxy group or an aralkyl- or alkylaryl rest, R₃ and R₄ represent together an oxygen atom, R₅ and R₆ represent together an oxygen atom, each R⁷ and R⁸ represents a hydrogen atom or together an oxygen atom, each R⁷ and R⁸ represents a hydrogen atom or together a CH₂ group. Pharmaceutically acceptable salts of said compounds, the production and use thereof in the form of drugs which are usable for preventing and treating estrogen-dependent diseases and are influenced by inhibiting 17 β -hydroxysteroiddehydrogenase of type 1 are also disclosed.

IPC 8 full level

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