

Title (en)  
17 $\beta$ -CYANO-19-ANDROST-4-ENE DERIVATIVE, USE THEREOF AND MEDICAMENTS CONTAINING SAID DERIVATIVE

Title (de)  
17 $\beta$ -CYANO-19-ANDROST-4-EN-DERIVAT, DESSEN VERWENDUNG UND DAS DERIVAT ENTHALTENDE ARZNEIMITTEL

Title (fr)  
DÉRIVÉ DE 17 -CYANO-19-ANDROST-4-ÈNE, SON UTILISATION, ET MÉDICAMENT CONTENANT CE DÉRIVÉ

Publication  
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Application  
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- US 94365107 P 20070613

Abstract (en)  
[origin: US2010292184A1] The 17 $\beta$ -cyano-19-androst-4-ene derivatives of the present invention possess gestagenic activity. They have the general chemical formula 1, in which Z is selected from the group comprising O, two hydrogen atoms, NOR and NNHSO<sub>2</sub>R, in which R is hydrogen or C1-C4-alkyl, R1, R2 are each independently hydrogen or methyl, or R1 and R2 together form methylene or are omitted with formation of a double bond between C1 and C2, R4 is hydrogen or halogen, furthermore either: R6a, R6b together form methylene or 1,2-ethanediyl or R6a is hydrogen and R6b is selected from the group comprising hydrogen, methyl and hydroxymethylene, and R7 is selected from the group comprising hydrogen, C1-C4-alkyl, C2-C3-alkenyl and cyclopropyl, or: R6a hydrogen and R6b and R7 together form methylene or are omitted with formation of a double bond between C6 and C7 or: R6a is methyl and R6b and R7 are omitted with formation of a double bond between C6 and C7, R15, R16 are hydrogen or together form methylene, R17 is selected from the group comprising hydrogen, C1-C4-alkyl and allyl, and moreover comprise their solvates, hydrates, stereoisomers, diastereomers, enantiomers and salts, with the proviso that particular compounds are excluded.

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