

## Title (en)

MICROBIOLOGICAL METHOD FOR THE PRODUCTION OF 7 ALPHA-SUBSTITUTED 11 ALPHA-HYDROXYSTERIODS

## Title (de)

MIKROBIOLOGISCHE VERFAHREN ZUR HERSTELLUNG VON 7ALPHA-SUBSTITUIERTEN 11ALPHA-HYDROXYSTERIODEN

## Title (fr)

PROCEDES MICROBIOLOGIQUES POUR LA PRODUCTION DE 11-ALPHA HYDROXYSTERIOIDES 7-ALPHA SUBSTITUES

## Publication

**EP 1523568 A2 20050420 (DE)**

## Application

**EP 03740474 A 20030724**

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## Abstract (en)

[origin: WO2004011663A2] Disclosed is a new synthetic pathway for the production of precursors for the production of compounds having general formula (8,10,12). During said synthesis, compounds of general form (4,B) are produced in a microbiological reaction. The meanings of radicals R<7>, R<10>, R<11>, R<13>, R<17> and R<17'> and group U-V-W-X-Y-Z are defined in the patent claims.

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## Citation (search report)

See references of WO 2004011663A2

## Citation (examination)

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