

Title (en)

PROCESS FOR PREPARING 17-BETA-SUBSTITUTED-ANDROSTA-3,5-DIEN-3-CARBOXYLIC ACIDS

Title (de)

VERFAHREN ZUR HERSTELLUNG 17-BETA-SUBSTITUIERTER ANDROSTA-3,5-DIEN-3-CARBONSÄURE

Title (fr)

PROCEDE DE PREPARATION D'ACIDES ANDROSTA-3,5-DIENE-3-CARBOXYLIQUES A SUBSTITUTION EN 17 BETA

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Application

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Abstract (en)

[origin: WO9611206A1] The disclosed invention is a process for preparing 17-beta-substituted-androsta-3,5-dien-3-carboxylic acids from 3-halo-17-beta-substituted-androsta-3,5-dienes. The process may be performed in either of two ways: (1) the 3-halo compound is reacted with a phosphine, a metal catalyst, and a coupling reagent in a suitable organic solvent, followed by hydrolyzation of the intermediate to a 3-carboxylic acid; or (2) the 3-halo compound is reacted with a phosphine, a metal catalyst, a strong aqueous base, and a phase transfer catalyst to produce the 3-carboxylic acid.

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