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(57) Abstract: An improved process for preparing steroids, such as 3-oxo-4-azasteroids, is described. Compounds of this type are known to be useful in the preparation of compounds having 5a-reductase inhibitor activity. The process comprises the hydrogenation of the corresponding steroid alkene in the presence of ammonium acetate, ammonium formate, and/or ammonium propionate and an appropriate catalyst.



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