

Drug Status Report

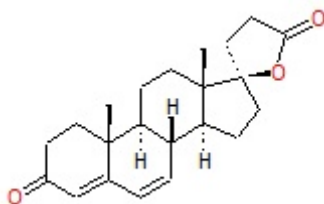
Drug: Canrenone

Drug Name Status: Canrenone is the INN

Chemical Name: (17 α)-17-Hydroxy-3-oxo-pregna-4,6-diene-21-carboxylic acid γ -lactone

Other Names: 17 α -(2-carboxyethyl)-17 β -hydroxyandrosta-4,6-dien-3-one lactone; 17 α -Pregna-4,6-diene-21-carboxylic acid, 17-hydroxy-3-oxo-, γ -lactone; Pregna-4,6-diene-21-carboxylic acid, 17-hydroxy-3-oxo- γ -lactone (17 α)-

Chemical structure:



Molecular Formula: C₂₂H₂₈O₃

Pharmacological class / Application: Aldosterone antagonist

International status:

US: The drug is not listed on the schedules to the CSA and is not mentioned on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Canrenone is not listed on any of the Schedules to the CDSA. The substance is an aldosterone antagonist¹ and has not been reported in literature to display any anabolic activity. The status of a similar substance eplerenone was recently reviewed and not considered to be a controlled substance.

Recommendation: Canrenone is not included in the schedules to the CDSA and is not a controlled substance.

¹M Claire et al., Importance of the lactonic ring in the activity of steroidal antialdosterones, *Biochemical Pharmacology* (1979) 29: 353-357.

November 27, 2009