Drug Status Report

Drug: Canrenone

Drug Name Status: Canrenone is the INN

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

Other Names: 17α-(2-carboxyethyl)-17β-hydroxyandrosta-4,6-dien-3-one lactone; 17α-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 (17α)-

Chemical structure:

![Chemical structure of Canrenone](image)

Molecular Formula: C_{22}H_{28}O_{3}

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 antagonist\(^1\) 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.

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