

Drug Status Report

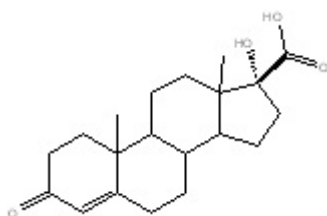
Drug: 11-Desoxycortisol

Drug Name Status: Cortodoxone is the proper name (INN).

Chemical Name: Pregn-4-ene-3,20-dione, 17,21-dihydroxy

Other Names: 11-Deoxy-17-hydrocorticosterone; 11-deoxyhydrocortisone; 17,21-dihydroxypregn-4-ene-3,20-dione; Reichstein's compound S

Chemical structure:



Molecular Formula: C₂₁H₃₀O₄

Pharmacological class / Application: adrenal steroid

International status:

US: The substance 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: 11-Desoxycortisol is an adrenal steroid and displays glucocorticoid activity¹. The substance has not been reported in the literature to have any anabolic activity and is not a derivative of an anabolic steroid. It is therefore not included under Item 23 "Anabolic steroids and their derivatives including:" of Schedule IV to the CDSA.

Recommendation: 11-Desoxycortisol is not included in the Schedules to the CDSA and is not considered a controlled substance.

March 10th 2010

¹Wudy, SA. *et al.* (2002) Determination of 11-deoxycortisol (Reichstein's compound S) in human plasma by clinical isotope dilution mass spectrometry using benchtop gas chromatography - mass selective detection. *Steroids*, **67**:851-857.