

## Drug Status Report

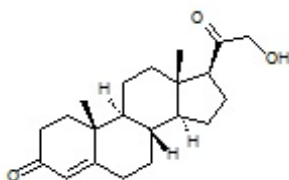
**Drug:** Desoxycorticosterone

**Drug Name Status:** Desoxycorticosterone

**Chemical Name:** Pregn-4-ene-3,20-dione, 21-hydroxy-

**Other Names:** 4-Pregnen-21-ol-3,20-dione; 11-Deoxycorticosterone; 11-Dehydroxycorticosterone; 21-Hydroxypregn-4-ene-3,20-dione; 21-Hydroxyprogesterone; Progesterone, 21-hydroxy-

**Chemical structure:**



**Molecular Formula:** C<sub>21</sub>H<sub>30</sub>O<sub>3</sub>

**Pharmacological class / Application:** 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:** Desoxycorticosteroid is a mineralocorticosteroid and a precursor in the biosynthesis of aldosterone<sup>1</sup>. The substance has not been reported in the literature to display 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:** Desoxycorticosteroid is not included in the schedules to the CDSA and is not considered a controlled substance.

March 10<sup>th</sup> 2010

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<sup>1</sup>Zollner, S. *et al.* (2008) Aldosterone: From biosynthesis to non-genomic action onto the proteome, *Steroids* **73**:966-972.