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-Hydroxyprogesterone; Progesterone, 21-hydroxy-

Chemical structure:

\[
\begin{align*}
\text{Molecular Formula: } & C_{21}H_{30}O_{3} \\
\text{Pharmacological class / Application: } & \text{steroid} \\
\text{International status: } & \\
\text{US: } & \text{The substance is not listed on the schedules to the CSA and is not mentioned on the DEA website.} \\
\text{United Nations: } & \text{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.} \\
\text{Canadian Status: } & \text{Desoxycorticosteroid is a mineralocorticosteroid and a precursor in the biosynthesis of aldosterone}\textsuperscript{1}. \text{ 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.}
\end{align*}
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March 10\textsuperscript{th} 2010

\textsuperscript{1}Zollner, S. \textit{et al.} (2008) Aldosterone: From biosynthesis to non-genomic action onto the proteome, Steroids \textbf{73}:966-972.