Drug Status Report

Drug: I - 20β-hydroxyprogrenolone  
II - 16α-hydroxyprogrenolone  
III- 16-dehydropregnenolone

Drug Name Status: I - 20β-hydroxyprogrenolone  
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Chemical Name: I - Pregn-5-en-3β,20β-diol  
II - 3β-Hydroxyregn-5-en-16α-ol-20-one  
III- 3β-Hydroxypregna-5,16-dien-20-one

Other Names: I - 5-Pregnen-3β,20β-diol  
II - 5-Pregnen-3β,16α-diol-20-one  
III - 5,16-Pregnadien-3β,16α-diol-20-one; Pregna-5,16-dien-20-one, 3-hydroxy-3β

Chemical structure:

Molecular Formula: I - C_{21}H_{34}O_{2}; II - C_{21}H_{32}O_{3}; III - C_{21}H_{30}O_{2}

Pharmacological class / Application: steroids

International status:  
US: The substances are not listed on the schedules to the CSA and are not mentioned on the DEA website.  
United Nations: The substances are not listed on the Yellow List - List of Narcotic Drugs under International Control. The drugs are not listed on the Green List - List of Psychotropic Substances under International Control.  
Canadian Status: 20β-hydroxyprogrenolone, 16α-hydroxyprogrenolone and 16-dehydropregnenolone are derivatives of pregnenolone and have not been reported in the literature to display any anabolic activity. It is noteworthy that 16-dehydropregnenolone was developed as a hypolipidaemic drug, and 20β-hydroxyprogrenolone has been identified as one of its major...
metabolites\textsuperscript{1}. The substances do not fall under Item 23 “Anabolic steroids and their derivatives including:” of Schedule IV to the CDSA.

Recommendation: 20β-hydroxypregnenolone, 16α-hydroxypregnenolone and 16-dehydropregnolone are not included in any of the Schedules to the CDSA and are not considered controlled substances.

March 10\textsuperscript{th} 2010