Drug Status Report

Drug: 3-Doxyl-17beta-hydroxy-5-alpha-androstane (I)

Drug Name Status: 3-Doxyl-17beta-hydroxy-5-alpha-androstane is a common name

Chemical Name: 4',4'-Dimethylspiro-(17beta-hydroxy-5-alpha-androstane-3,2'-oxazolidin)-3'-yloxy, free radical

Chemical structure:

$$\begin{array}{c} CH_3 \\ CH_4 \\ CH_3 \\ CH_3 \\ CH_4 \\ CH_4 \\ CH_5 \\ CH$$

Molecular Formula: C₂₃H₃₈NO₃

Pharmacological or Chemical class / Application: steroid derivative

International status:

US: The chemical is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: The chemical is not listed on the Yellow List - List of Narcotic Drugs nor on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 17beta-Hydroxyandrostane (androstanol) (structure above) was reviewed in 2005 and is considered to be non-controlled. 3-Doxyl-17beta-hydroxy-5-alpha-androstane is a derivative of androstanol and therefore is also not controlled by the CDSA.

Recommendation: 3-Doxyl-17beta-hydroxy-5-alpha-androstane is not included in the schedules to the CDSA and is not a controlled substance.

September 22, 2009