

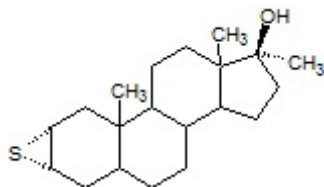
Drug Status Report

Drug: 2a,3a-Epithio-17a-methyl-5a-androstan-17b-ol

Drug Name Status: 2a,3a-Epithio-17a-methyl-5a-androstan-17b-ol is the common name

Chemical Name: 2a,3a-Epithio-17b-hydroxy-17a-methyl-5a-androstane

Chemical structure:



Molecular Formula: C₂₀H₃₂OS

Pharmacological class / Application: steroid

International status:

US: The substance is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website. However, as “anabolic steroid” means, in the CSA, any drug or hormonal substance, chemically and pharmacologically related to testosterone ... that promotes muscle growth, 2a,3a-epithio-17a-methyl-5a-androstan-17b-ol should be controlled in the US.

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

Canadian Status: The substance is currently not listed specifically on the CDSA. It is structurally similar to the anabolic steroid epitiostanol, which is subitem 23(13) of Schedule IV. It differs only by the additional 17alpha-methyl group. It has been reported¹ to have anabolic activity and for this reason should be included in item 23 of Schedule IV.

Recommendation: 2a,3a-Epithio-17a-methyl-5a-androstan-17b-ol is included in item 23 of Schedule IV to the CDSA and is a controlled substance.

March 19, 2007

¹ Alvarez-Genarie, YM, Crespo-Otero, R, Marrero-Ponce, Y, Montero, LA, Ruiz-Garcia JA, Padron-Garcia, A, Zaragoza, FT, QSAR & Combinatorial Science, 25, (10), 881 - 894, 2006.