Drug Status Report

Drug: 5beta-Androstan-3,11,17-trione

Drug Name Status: 5beta-Androstan-3,11,17-trione is the chemical name

Chemical Name: 5beta-Androstan-3,11,17-trione

Chemical structure:

Molecular Formula: C₁₉H₂₆O₃

Pharmacological class / Application: steroid

International status:

US: The substance is not listed specifically on the schedules to the CSA. It is also 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: 5beta-Androstan-3,11,17-trione is not structurally similar to any substance listed on the schedules to the CDSA. There are no reports that it has anabolic activity. It has been shown¹ to be an oxidation product of tetrahydrocortisone and tetrahydrocortisol, neither of which is an anabolic steroid.

Recommendation: 5beta-Androstan-3,11,17-trione is not included in the schedules to the CDSA and is not a controlled substance.

February 6, 2007

¹ Bourgogne, E, Herrou, V, Mathurin, J-C, Becchi, M, and de Ceaurriz, J, Rapid Commun. Mass Specrom., 14, 2343 (2000)