

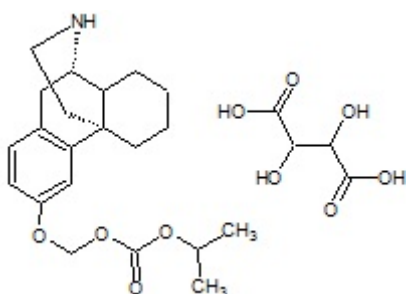
Drug Status Report

Drug: Isopropyl-(morphinan-3-yloxy)-methyl carbonate tartrate

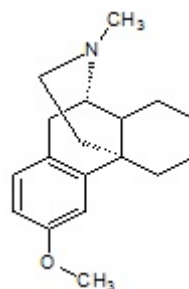
Drug Name Status: Isopropyl-(morphinan-3-yloxy)-methyl carbonate tartrate is the chemical name.

Chemical Name: Isopropyl-(morphinan-3-yloxy)-methyl carbonate tartrate

Chemical structure:



Isopropyl-(morphinan-3-yloxy)-methyl carbonate tartrate



Dextromethorphan

Molecular Formula: $C_{25}H_{35}NO_{10}$

Pharmacological class / Application: morphinan

International status:

US: The term "narcotic drug" is defined in the CSA as "any of the following whether produced directly or indirectly by extraction from substances of vegetable origin, or independently by means of chemical synthesis, or by a combination of extraction and chemical synthesis:

(A) Opium, opiates, derivatives of opium and opiates, including their isomers, esters, ethers, salts, and salts of isomers, esters, and ethers, whenever the existence of such isomers, esters, ethers, and salts is possible within the specific chemical designation."

Opiate is also defined in the CSA as "any drug or other substance having an addiction-forming or addiction-sustaining liability similar to morphine or being capable of conversion into a drug having such addiction-forming or addiction-sustaining liability.

The "capable of conversion" could be interpreted to include hundreds of chemical substances. The subject substance may be considered to be included in the CSA; confirmation of the status of the substance in the US would need to be obtained from the DEA.

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: Item 10 of Schedule I to the CDSA is, "Morphinans, their salts, derivatives and salts of derivatives". This item includes several morphinans structurally similar to the subject substance. Where it has been determined that morphinans need not be controlled by the CDSA, those substances have been specifically excluded from item 10. Dextromethorphan is one of those substances. As isopropyl-(morphinan-3-yloxy)-methyl carbonate tartrate has not been excluded from item 10 of Schedule I, it must be included.

Recommendation: Isopropyl-(morphinan-3-yloxy)-methyl carbonate tartrate is included in item 10 of Schedule I to the CDSA and is a controlled substance.

January 2, 2008