

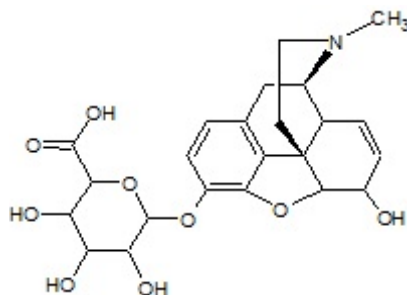
Drug Status Report

Drug: Morphine-3-beta-D-glucuronide

Drug Name Status: Morphine-3-beta-D-glucuronide is the common name

Chemical Name: (5 α ,6 α)-7,8-Didehydro-4,5-epoxy-6-hydroxy-17-methylmorphinan-3-yl beta-D-glucopyranosiduronic acid

Chemical structure:



Molecular Formula: C₂₃H₂₇NO₉

Pharmacological class / Application: morphine derivative

International status:

US: The substance is not listed on the Schedules to the CSA; it is not mentioned on the DEA website. However, as morphine is listed on Schedule II to the CSA, the glucuronide derivative is likely also controlled.

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 1 of Schedule I to the CDSA is, "Opium poppy (*Papaver somniferum*), its preparations, derivatives, alkaloids and salts including

- (1) Opium
- (2) Codeine (methylnorphine)
- (3) Morphine (7,8-didehydro-4,5-epoxy-17-methylmorphinan-3,6-diol)
- (4) Thebaine (paramorphine)

and the salts, derivatives and salts of derivatives of the substances set out in subitems (1) to (4), including:"

Morphine-3-beta-D-glucuronide is a derivative of morphine.

Recommendation: Morphine-3-beta-D-glucuronide is included in the Schedule I to the CDSA and is a controlled substance.

March 15, 2008