

Drug Status Report

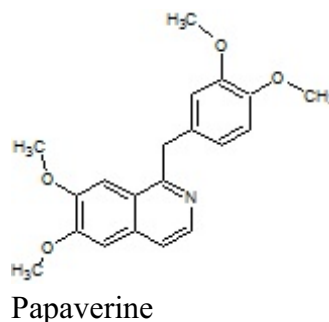
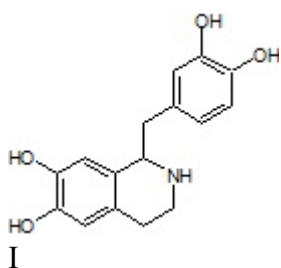
Drug: Norlaudanoline

Drug Name Status: Norlaudanoline is the common name.

Chemical Name: 1-((3,4-Dihydroxyphenyl)methyl)-1,2,3,4-tetrahydro-6,7-isoquinolinediol

Other Names: Tetrahydropapaveroline

Chemical structure:



Molecular Formula: $C_{16}H_{17}NO_4$

Pharmacological class / Application: animal alkaloid

International status:

US: The substance is not listed on the schedules to the US Controlled Substances Act.

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

Canadian Status: Norlaudanoline is structurally related to papaverine, an alkaloid of opium poppy (*Papaver somniferum*). Because papaverine is unlike the other opium alkaloids in pharmacological action, it has been exempted from item 1 of Schedule I - it is subitem 1(36) of Schedule I. There are no reports that norlaudanoline is an alkaloid produced by *Papaver somniferum*.

Recommendation: Norlaudanoline is not included on item 1 of Schedule I and is not a controlled substance.

September 30, 2009