Drug Status Report

Drug: Norlaudanosoline

Drug Name Status: Norlaudanosoline 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: Norlaudanosoline 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 norlaudanosoline is an alkaloid produced by Papaver somniferum.

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

September 30, 2009