

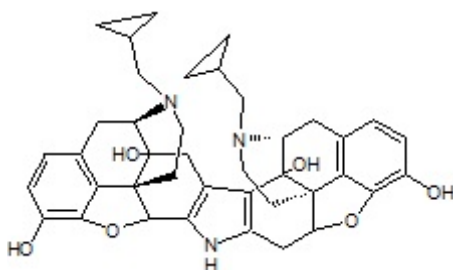
## Drug Status Report

**Drug:** Norbinaltorphimine

**Drug Name Status:** Norbinaltorphimine is the common name.

**Chemical Name:** (8R-(4bR\*,8alpha,8abeta,10alpha,11beta,14aR\*,19aalpha,20bbeta))-7,12-bis(Cyclopropylmethyl)-5,6,7,8,9,10,11,12,13,14,19a,20b-dodecahydro-20-methyl-4,8:11,15-dimethano-20H-bisbenzofuro(2,3-a:3',2'-i)dipyrido(4,3-b:3',4'-h)carbazole-1,8a,10a,18-tetrol

**Chemical structure:**



**Molecular Formula:** C<sub>40</sub>H<sub>43</sub>N<sub>3</sub>O<sub>6</sub>

**Pharmacological class / Application:** opioid antagonist

**International status:**

US: The substance is not listed on the schedules to the CSA and is not mentioned on the DEA website.

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: Norbinaltorphimine contains structural elements common with some substances listed in item 1 of Schedule I and in item 10 of Schedule I. However, to be included in item 1 it has to be a salt, derivative or salt of a derivative of one of the substances set out in subitems (1) to (4). Norbinaltorphimine is not. To be included in item 10, it has to be a morphinan, or a salt of a morphinan or a derivative of a morphinan. Norbinaltorphimine is not.

Recommendation: Norbinaltorphimine is not included in the schedules to the CDSA and is not a controlled substance.

January 29, 2009