

Drug Status Report

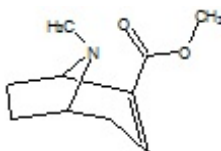
Drug: Anhydroecgonine methylester

Drug Name Status: Anhydroecgonine methylester is the common name

Chemical Name: (1R)-8-Methyl-8-azabicyclo(3.2.1)oct-2-ene-2-carboxylic acid, methyl ester

Other Names: methyl ecgonidine; ecgonidine methyl ester

Chemical structure:



Molecular Formula: C₁₀H₁₅NO₂

Pharmacological class / Application: cocaine metabolite

International status:

US: The substance is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website. The substance may be controlled in the US under the analogue provisions of the CSA.

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 2 of Schedule I to the CDSA is "Coca (Erythroxylo), its preparations, derivatives, alkaloids and salts." Anhydroecgonine methylester is not currently listed explicitly in this item; however, as a derivative of cocaine it is included in the item. This interpretation of item 2 of the CDSA is consistent with that used in declaring cocaethylene, (February, 2006) norcoxaethylene (December, 2004) and several other ecgonine derivatives including norcocaine and cinnamoylcocaine to be controlled substances.

Recommendation: Anhydroecgonine methylester is included in item 2 of Schedule I to the CDSA and is a controlled substance.

June 4, 2007