

Drug Status Report

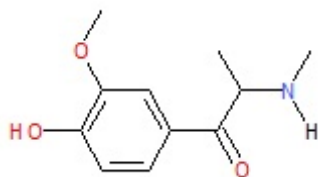
Drug: 4-Hydroxy-3-methoxymethcathinone

Drug Name Status: 4-Hydroxy-3-methoxymethcathinone is the common name.

Chemical Name: 1-(4-Hydroxy-3-methoxyphenyl)-2-(methylamino)-1-propanone

Other Names: HMMC;

Chemical structure:



Molecular Formula: C₁₁H₁₅NO₃

Pharmacological class / Application: Pharmaceutical related compound

CAS RN: 916177-15-6

International status:

US: 4-Hydroxy-3-methoxymethcathinone is not listed specifically in the Schedules to the CSA and is not mentioned anywhere on the DEA website.

United Nations: 4-Hydroxy-3-methoxymethcathinone 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: 4-Hydroxy-3-methoxymethcathinone is not currently listed in the CDSA. The substance has been reported in the scientific literature to be a metabolite of methylone¹, which is currently controlled under item 1 of Schedule III to the CDSA, under the heading "Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including:". As a metabolite of methylone, the substance is considered to be a derivative of methylone and therefore it must be included under item 1 of Schedule III to the CDSA.

¹Kamata, HT. (2006) Metabolism of the recently encountered designer drug, methylone, in humans and rats, *Xenobiotica*, **36**:709-723.

Recommendation 4-Hydroxy-3-methoxymethcathinone is included under item 1 of Schedule III to the CDSA and is a controlled substance.

October 7th 2010.