Drug Status Report

**Drug:** Sceletium (also known as Kanna or Kauwgoed)

Major alkaloids present in the plant: mesembrine; joubertamine; O-methyljoubertamine; and dihydrojoubertamine

**Drug Name Status:**
I - Mesembrine is the common name  
II - Joubertamine is the common name  
III - O-Methyljoubertamine is the common name  
IV - Dihydrojoubertamine is the common name

**Chemical Name:**
I - 3a-(3,4-Dimethoxyphenyl)octahydro-1-methyl-6H-indol-6-one  
II - 4-(2-Dimethylaminoethyl)-4-(4-hydroxyphenyl)-2-cyclohexen-1-one  
III - 4-(2-Dimethylaminoethyl)-4-(4-methoxyphenyl)-2-cyclohexen-1-one  
IV - 4-(2-Dimethylaminoethyl)-4-(4-hydroxyphenyl)-2-cyclohexan-1-one

**Chemical structure:**

![Chemical structure images]

**Molecular Formula:**
I - C_{17}H_{23}NO_{3}  
II - C_{16}H_{21}NO_{2}  
III - C_{17}H_{23}NO_{2}  
IV - C_{16}H_{23}NO_{2}

**Pharmacological class / Application:** alkaloid

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**International status:**

US: Sceletium and its alkaloids are not listed on the schedules to the US Controlled Substances Act and are not mentioned on the DEA website.

United Nations: Sceletium and its alkaloids are not listed on the Yellow List - List of Narcotic Drugs under International Control. The plant and its alkaloids are not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: The alkaloids of Sceletium are not structurally similar to any group of drugs controlled by the CDSA.

Recommendation: Sceletium and its alkaloids are not included in the schedules to the CDSA and are not controlled substances.

May 16, 2008