

## Drug Status Report

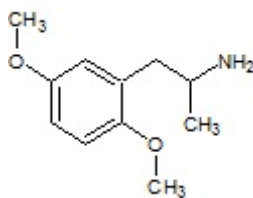
**Drug:** Dimethoxyamphetamines

A client asked for the status of several dimethoxyamphetamines. Of the possible isomers, 2,5-dimethoxyamphetamine is used as an example.

**Drug Name Status:** 2,5-Dimethoxyamphetamine is the common name

**Chemical Name:** 2,5-Dimethoxy- $\alpha$ -methylbenzeneethanamine

**Chemical structure:**



2,5-Dimethoxyamphetamine

**Molecular Formula:** C<sub>11</sub>H<sub>17</sub>NO<sub>2</sub>

**Pharmacological class / Application:** stimulant

**International status:**

US: Only 2,5-dimethoxyamphetamine is specifically listed on Schedule I to the CSA. However, the analogue provision of the CSA provides for the control of all dimethoxyamphetamine isomers as Schedule I substances.

United Nations: Only 2,5-dimethoxyamphetamine is specifically listed in Schedule I to the 1971 Convention. Other positional isomers are not included in the schedules to the Convention.

Canadian Status: Item 1 of Schedule III to the CDSA is, "Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues". Subitem 1(6) of Schedule III is, "2,5-Dimethoxyamphetamine (2,5-Dimethoxy- $\alpha$ -methylbenzeneethanamine)". The other possible positional isomers of 2,5-dimethoxyamphetamine are therefore also included in item 1 of Schedule III.

Recommendation: All of the positional isomers of dimethoxyamphetamine are included in item 1 of Schedule III to the CDSA and are controlled substances.

August 9, 2007