

## Drug Status Report

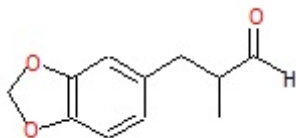
**Drug:**  $\alpha$ -Methyl-1,3-benzodioxole-5-propanal

**Drug Name Status:**  $\alpha$ -Methyl-1,3-benzodioxole-5-propanal is the common name.

**Chemical Name:** 3-(3,4-methylenedioxyphenyl)-2-methyl-propanol

**Other Names:**  $\alpha$ -methyl-3,4-(methylenedioxy)-hydrocinnamaldehyde;  $\alpha$ -methyl-1,3-benzodioxole-5-propionaldehyde.

**Chemical structure:**



**Molecular Formula:** C<sub>11</sub>H<sub>12</sub>NO<sub>3</sub>

**CAS RN:** 1205-17-0

**Pharmacological class / Application:** Fine chemical

**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:  $\alpha$ -Methyl-1,3-benzodioxole-5-propanal is widely used as a commercial fragrance material in a variety of consumer products including cosmetics, shampoos, soaps, household cleaners and detergents<sup>1</sup>. The substance is not currently listed in the CDSA and is not structurally similar to any of the substances listed in the Schedules to the CDSA.

Recommendation:  $\alpha$ -Methyl-1,3-benzodioxole-5-propanal is not included in the schedules to the CDSA and is not a controlled substance.

June 29<sup>th</sup>, 2010

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<sup>1</sup>Api, AM *et al.* (2007) In vitro penetration and subchronic toxicity of  $\alpha$ -Methyl-1,3-benzodioxole-5-propionaldehyde, Food and Chem. Toxicol. **45**:702-707.