

## Drug Status Report

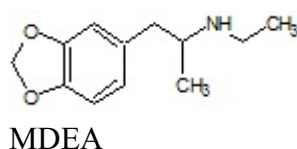
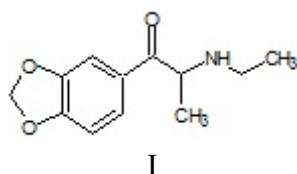
**Drug:** Beta-Keto-Methylenedioxyethylamphetamine (I)

**Drug Name Status:** Beta-Keto-Methylenedioxyethylamphetamine is the common name.

**Chemical Name:** 1-(1,3-Benzodioxol-5-yl)-2-(ethylamino)propan-1-one

**Other Names:** bk-MDEA; 3,4-methylenedioxyethylcathinone; 3,4-methylenedioxyethylcathinone; ethylone.

**Chemical structure:**



**Molecular Formula:** C<sub>12</sub>H<sub>15</sub>NO<sub>3</sub>

**Pharmacological class / Application:** unknown

**International status:**

US: The substance is not currently listed on the schedules to the US Controlled Substances Act and is not mentioned on the DEA website. However, I may be controlled in the US due to the analogue provisions in 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 1 of Schedule III to the CDSA is "Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues". The term analogue is defined in section 2 to the CDSA; "analogue" means a substance that, in relation to a controlled substance, has a substantially similar chemical structure." Subitem 1(13) of Schedule III to the CDSA is "N-Ethyl-3,4-methylenedioxyamphetamine" (MDEA); its structure is shown above. A comparison of the structure of substance I to that of MDEA indicates that I is an analogue of MDEA and is included in item 1 of Schedule III.

Recommendation: Beta-Keto-Methylenedioxyethylamphetamine (I) is included in item 1 of Schedule III to the CDSA and is a controlled substance.

Revised September 28, 2009