

Drug Status Report

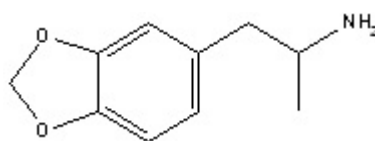
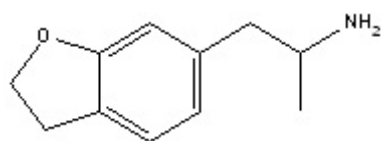
Drug: 6-(2-aminopropyl)-2,3-dihydrobenzofuran

Drug Name Status: 6-(2-aminopropyl)-2,3-dihydrobenzofuran is the common name.

Chemical Name:6-(2-aminopropyl)-2,3-dihydrobenzofuran

Other Names: 6-Nprop-dbf; 6-APDB

Chemical structure:



MDA

Molecular Formula: C₁₁H₁₅NO

CAS-RN: 152623-93-3

Pharmacological class / Application: Amphetamine analogue

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, 6-(2-aminopropyl)-2,3-dihydrobenzofuran is likely to be considered 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:6-(2-aminopropyl)-2,3-dihydrobenzofuran is an analogue of 3,4-methylenedioxyamphetamine (MDA) and was initially synthesized to examine the role of the dioxole oxygen atoms of MDA in its interaction with serotonin and catecholamine uptake carriers¹. MDA is listed as sub-item 5 under item 1 of Schedule III to the CDSA, under the heading “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives,

¹Monte, AP. et al. (1993) Synthesis and pharmacological examination of benzofuran, indan, and tetralin analogues of 3,4-(methylenedioxy)amphetamine, J. Med. Chem. **36**: 3700-3706.

isomers and analogues including”. Given that 6-(2-aminopropyl)-2,3-dihydrobenzofuran is an analogue of MDA, the substance must be included under item 1(5) of Schedule III to the CDSA.

Recommendation: 6-(2-aminopropyl)-2,3-dihydrobenzofuran is included under item 1(5) of Schedule III to the CDSA and is a controlled substance.

July 9th, 2010.