

Drug Status Report

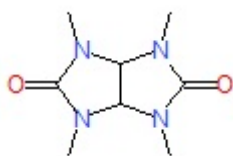
Drug: Mebikar

Drug Name Status: Mebikar is the common name

Chemical Name: Imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, tetrahydro-1,3,4,6-tetramethyl

Other Names: 2,4,6,8-tetramethyl-2,4,6,8-tetraazobicyclo(3,3,0)octane-3,7-dione; Tetrahydro-1,3,4,6-tetramethylimidazo(4,5-d)imidazole-2,5(1H,3H)-dione; Mebicar; Adaptol

Chemical structure:



Molecular Formula: C₈H₁₄N₄O₂

Pharmacological class / Application: Psychotropic drug; tranquilizing agent

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. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Mebikar belongs to a class of bicyclic bis-urea compounds which were developed as psychotropic drugs, and found to be effective as a tranquilizer^{1,2}. It is not mentioned specifically in the CDSA and is not structurally similar to any of the substances listed in the Schedules to the CDSA.

Recommendation: Mebikar is not included in the Schedules to the CDSA and is not considered a controlled substance.

January 19th, 2010.

¹Val'dman AV. et al. (1979) A study of the spectrum of psychotropic action of Mebikar, Byulleten Eksperimentalnoi Biologii I Meditsiny, **89**:568-570.

²Kostebelov NV et al. (2000) Spectrophotometric estimation of Mebikar, Pharm. Chem. J. **34**:623-624.