

Drug Status Report

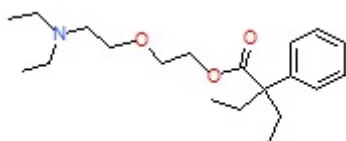
Drug: Oxeladin

Drug Name Status: Oxeladin is the proper name (INN).

Chemical Name: 2-(2-diethylaminoethoxy)ethyl 2-ethyl-2-phenylbutyrate

Other Names: 2-Ethyl-2-phenylbutyric acid 2-(2-diethylaminoethoxy)ethyl ester; 2-(2-diethylaminoethoxy)ethyl- α,α -diethylphenylacetate

Chemical structure:



Molecular Formula: C₂₀H₃₃NO₃

Pharmacological class / Application: antitussive

International status:

US: Oxeladin 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: Oxeladin is a centrally-acting antitussive drug that displays local anaesthetic properties and is used in the treatment of non-productive cough^{1,2}. The drug is not listed specifically on the CDSA and is not similar to any of the substances listed in the Schedules to the CDSA.

Recommendation: Oxeladin is not included in any schedules to the CDSA and is not a controlled substance.

January 28th, 2010

¹EI-Gindy, A. (2005) High-performance liquid chromatographic determination of oxeladin citrate and oxybutynin hydrochloride and their degradation products, *Il Farmaco*, **60**:689-699.

²Lartigues-Mattei, C. *et al.* (1995) Determination of oxeladin in human plasma by gas chromatography-mass spectrometry, *Biomed. Chromatogr.* **9**:32-35.