

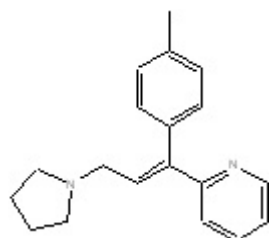
Drug Status Report

Drug: Triprolidine

Drug Name Status: Triprolidine is the proper name (INN)

Chemical Name: (E)-2-(1-(4-methylphenyl)-3-(1-pyrrolidinyl)-1-propenyl)pyridine

Chemical structure:



Molecular Formula: C₁₉H₂₂N₂

Pharmacological class / Application: H₁-receptor antagonist

International status:

US: Triprolidine is not currently listed on the Schedules to the CSA. The substance is mentioned on the DEA website as a component of common over-the-counter (OTC) cold preparations and its analysis has assisted in the identification of the OTC products used as sources of ephedrine or pseudoephedrine for the manufacture of methamphetamine in clandestine laboratories.

UN: 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: Triprolidine is a H₁-receptor antagonist used for the treatment of allergic rhinitis and is a common component of over-the-counter cold preparations^{1,2}. The drug is not currently listed in the CDSA and is not similar to any of the substances in any of the Schedules to the CDSA.

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

May 27th, 2010.

¹Hindmarch, I. and Shamsi, Z. (2001) The effects of single and repeated administration of ebastine on cognition and psychomotor performance in comparison to triprolidine and placebo in healthy volunteers, *Curr. Med. Res. Opin.* **17**:273-281.

²Manassra, A. *et al.* (2010) Simultaneous HPLC analysis of pseudoephedrine hydrochloride, codeine phosphate, and triprolidine hydrochloride in liquid dosage forms, *J. Pharm. Biomed. Anal.* **51**:991-993.