

Drug Status Report

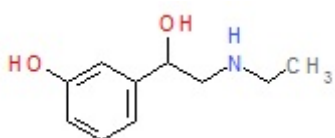
Drug: Etilefrine

Drug Name Status: Etilefrine is the INN.

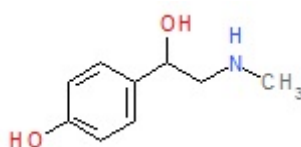
Chemical Name: α -[(ethylamino)methyl]-3-hydroxybenzenemethanol

Other Names: α -[(ethylamino)methyl]-*m*-hydroxybenzyl alcohol; α -(*m*-hydroxyphenyl)- β -(ethylamino)ethanol; 1-(3-hydroxyphenyl)-2-(ethylamino)ethanol; ethylphenylephrine; etiladrianol

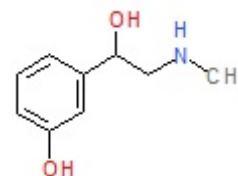
Chemical structure:



Etilefrine



Synephrine



Phenylephrine

Molecular Formula: C₁₀H₁₅NO₂

Pharmacological class / Application: Adrenergic agonist, antihypotensive

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: Etilefrine is not listed in any of the schedules to the CDSA. While ephedrine is listed as Item 4 under Schedule VI Part 1 "Class A Precursors" to the CDSA as "Ephedrine, its salts and any plant containing ephedrine or any of its salts", etilefrine is not a salt of ephedrine and therefore not included under Item 4 of Schedule VI, Part 1 to the CDSA. The status of two structurally similar compounds, synephrine and phenylephrine hydrochloride, were reviewed and were also not considered to be salts of ephedrine and hence not considered controlled substances under the CDSA.

Recommendation:

Etilefrine is not included in the schedules to the CDSA and is not considered a controlled substance.

December 9th, 2009.