

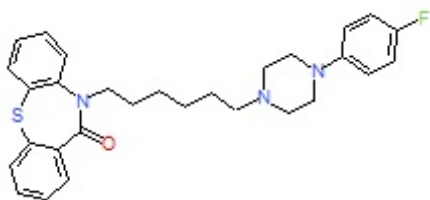
Drug Status Report

Drug: Dibenzothiazepinone

Drug Name Status: Dibenzothiazepinone is the common name

Chemical Name: 5-[6-(4-(4-fluorophenyl)piperazine-1-yl)hexyl]11H-benzol[b][1,5]benzodiazepin-6-one

Chemical structure:



Molecular Formula: C₂₉H₃₃FN₄O

Pharmacological class / Application: Calcium channel antagonist

International status:

US: The drug 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: Dibenzothiazepinone is a benzothiazepine derivative and has been shown in the literature to cause vasorelaxant activity in the hamster aorta¹. The drug is not listed specifically in the CDSA and is not structurally similar to any of the substances listed in the Schedules to the CDSA.

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

January 12th, 2009

¹Li, R. et al. (1995) Molecular geometries of dibenzothiazepinone and dibenzoxazepinone calcium antagonists, *Drug Development and Discovery*, **12**:337-358.