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**:

![Chemical structure of Dibenzothiazepinone](image)

**Molecular Formula**: C$_{29}$H$_{33}$FN$_{4}$O

**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 aorta$^1$. 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 12$^{th}$, 2009