Drug Status Report

Drug: Ditran

Drug Name Status: Ditran is a common name

Chemical Name: alpha-Cyclopentyl-1-ethyl-3-piperidyl mandelic acid ester hydrochloride mixed with (1-ethyl-2-pyrrolidinyl)methyl-alpha-cyclopentylmandelate hydrochloride

Chemical structure:

 $\textbf{Molecular Formula:} \ C_{41}H_{66}Cl_2N_2O_2$

Pharmacological class / Application: antidepressive; hallucinogen

International status:

US: The substance is not currently listed on the US Controlled Substances Act 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: The substance is currently not listed specifically on the CDSA. It is similar in structure to item 8 of Schedule III to the CDSA, "N-Methyl-3-piperidyl benzilate (LBJ) (3-[(Hydroxydiphenylacetyl)oxy]-1-methylpiperidine) and any salt thereof" (structure below)

However, neither component of ditran is a salt of LBJ.

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

February 24, 2007