



STATUS DECISION OF CONTROLLED AND NON-CONTROLLED SUBSTANCE(S)

Substance: Racemic Diethylpropion-d10 Hydrochloride

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled
Not Controlled

under the schedules of the *Controlled Drugs and Substances Act* (CDSA) for the following reason(s):

- Deuterated forms of diethylepropion are captured under item 4 of Schedule IV to the CDSA.

Prepared by: Evelyn C Soo Date: October 20th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: "third party information removed as per agreement with applicant"

Drug Status Report

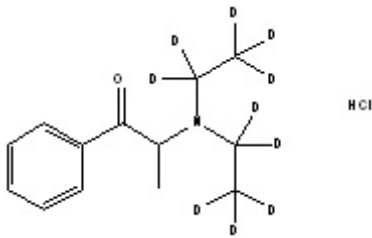
Drug: Racemic Diethylpropion-d10 Hydrochloride

Drug Name Status: Racemic Diethylpropion-d10 Hydrochloride is the common name.

Chemical Name: 2-(Diethylamino-d10)-1-phenyl-1-propanone hydrochloride.

Other Names: 2-(Diethylamino-d10)propiofenone hydrochloride; alpha-benzoyltriethyl ammonium-d10 chloride; amfepramon-d10 hydrochloride; anorex-d10; dobesin-d10; moderatan-d10;

Chemical Structure:



Molecular Formula: C₁₃D₁₀H₉NO.HCl

CAS-RN: NONE

Pharmacological class / Application: Deuterated form of diethylpropion hydrochloride
International status:

US: The substance is not listed specifically in the CSA and is not mentioned anywhere on the DEA website. The parent compound, diethylpropion, however is listed in Schedule IV to the CSA.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control, the Green List - List of Psychotropic Substances under International Control, nor the Red List - List of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances under International Control. However, the parent drug, diethylpropion is listed in the Green List and its deuterated form is considered included under the listing.

Canadian Status: Racemic Diethylpropion-d10 Hydrochloride is not listed specifically in the CDSA. The substance is a deuterated form of diethylpropion hydrochloride and is considered to be included under the diethylpropion, which is listed as item 4 in Schedule IV to the CDSA, under the heading "Diethylpropion (2-(diethylamino)propiofenone) and any salt thereof". Accordingly, diethylpropion-d10 must be included under item 4 of Schedule IV to the CDSA.

Recommendation: Racemic Diethylpropion-d10 and hence its hydrochloride are included in Schedule IV to the CDSA and are controlled substances.

Date: October 20th 2010