

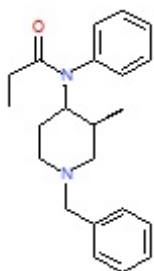
Drug Status Report

Drug: Rac-cis-1-Benzyl-2-methyl-4-(N-propananilido)-piperidine

Drug Name Status: Rac-cis-1-Benzyl-2-methyl-4-(N-propananilido)-piperidine is the common name.

Chemical Name: (±)-cis-N-[2-Methyl-1-(phenylmethyl)-4-piperidinyl]-N-phenyl-propanamide

Chemical structure:



Molecular Formula: C₂₂H₂₈N₂O

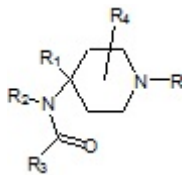
Pharmacological class / Application: Pharmaceutical related substance

International status:

US: Rac-cis-1-Benzyl-2-methyl-4-(N-propananilido)-piperidine is not currently listed in 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Rac-cis-1-Benzyl-2-methyl-4-(N-propananilido)-piperidine is not currently listed in the Schedules to the CDSA. The substance has been reported to be a starting material in the synthesis of normethyl fentanyl and while the substance displaces some structural similarity to the fentanyls, the R group does not contain an ethyl group as required in the common root structure of the fentanyls as shown below:



R=ethyl group substituted variously at the 1 and 2 position
R₁=hydrogen, methoxymethyl or carboxylate alkyl ester
R₂=phenyl or substituted phenyl
R₃=alkyl
R₄=hydrogen or alkyl

Therefore, the substance cannot be included under the heading “Fentanyl, their salts, derivatives, and analogues and salts of derivatives and analogues, including” of item 16 of Schedule I to the CDSA.

Recommendation: Rac-cis-1-Benzyl-2-methyl-4-(N-propanilido)-piperidine is not included under item 16 of Schedule I to the CDSA and is not a controlled substance.

October 19th 2010