

Drug Status Report

Drug: Bromazepam Impurities

A client requested the status of the following bromazepam related substances.

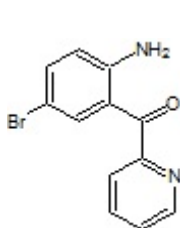
Chemical Name: 2-(2-Amino-5-bromobenzoyl)pyridine (EP impurity A) (I)

2-(2-(2-Bromoacetamido)-5-bromobenzoyl)pyridine (II)

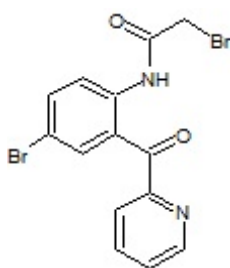
2-(2-(2-Chloroacetamido)-5-bromobenzoyl)pyridine (III)

3-Amino-6-bromo-2-hydroxy-4-(2-pyridyl)quinoline (IV)

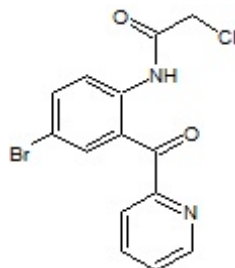
Chemical structure:



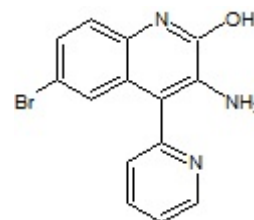
I



II



III



IV

Molecular Formula: I - C₁₂H₉BrN₂O

II- C₁₄H₁₀Br₂N₂O₂

III- C₁₄H₁₀BrClN₂O₂

IV- C₁₄H₁₀BrN₃O

Pharmacological class / Application: pharmaceutical related substance

International status:

US: The substances are not listed on the schedules to the US Controlled Substances Act and are not mentioned on the DEA website.

United Nations: The substances are not listed on the Yellow List - List of Narcotic Drugs under International Control nor on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Item 18 of Schedule IV to the CDSA is, "Benzodiazepines, their salts and derivatives". Bromazepam is subitem 2 of this item. None of substances 1-IV are structurally benzodiazepines so they are not included in item 18.

Recommendation: Substances I, II, III and IV are not included in the schedules to the CDSA and

are not controlled substances.

April 21, 2008