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

Substance: KF31327

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

Controlled ☐
Not Controlled X

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

- The substance is not structurally similar to any of the substances listed in the Schedules to the CDSA.

Prepared by: ____________________________ Date: ________________
Benoit P Seguin

Verified by: ____________________________ Date: ________________
Mark Kozlowski

Approved by: ____________________________ Date: ________________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Bruno Lafontaine, OCS
Drug Status Report

Drug: KF31327

Drug Name Status: KF31327

Chemical Name: KF31327

Other Names: 3-ethyl-8-[2-(4-hydroxymethylpiperidino)benzylamino]-2,3-dihydro-1H-imidazo[4,5-g]quinazoline-2-thione dihydrochloride

Chemical structure:

![Chemical structure](image)

Molecular Formula: C_{24}H_{28}N_{6}OS

Pharmacological class / Application: Enzyme inhibitor

CAS-RN: NONE

International status:

US: KF31327 is not listed specifically in the Schedules to the US Controlled Substances Act and is not mentioned anywhere on the DEA website.

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.

Canadian Status: KF31327 is not listed in the Schedules to the CDSA. The substance has been reported in the scientific literature to be non-competitive, selective inhibitor of phosphodiesterase 5 and a potent inhibitor of collagen-induced platelet aggregation. The substance is not structurally similar to any of the substances listed in the Schedules to the CDSA.
**Recommendation:** KF31327 is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** October 30th, 2012.

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