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 a non-competitive phosphodiesterase 5 inhibitor and is not structurally similar to any of those listed in the Schedules to the CDSA.

Prepared by: ____________________________ Date: ______________

Evelyn C Soo

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

Chemical structure:

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\text{\includegraphics{chemical_structure.png}}
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Molecular Formula: C_{24}H_{28}N_{6}O{5} CAS-RN: Unknown

Pharmacological class / Application: Phosphodiesterase 5 inhibitor

International status:

US: KF31327 is not listed specifically in the Schedules to the US Controlled Substances Act and is not mentioned anywhere on US 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 a non-competitive phosphodiesterase 5\(^1\) and is not structurally similar to any of those listed in the CDSA.

Recommendation: KF31327 is not included in the Schedules to the CDSA and is not a controlled substance.

Date: September 13\(^{th}\), 2012.