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

Substance: 1-(3-Aminopropyl)-4-(2-methoxyphenyl)piperazine

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 similar to any substance listed on the Schedules to the CDSA.

Prepared by: _____________________________ Date: ________________
Zack Li

Verified by: _____________________________ Date: ________________
Mark Kozlowski

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

This status was requested by: Eva Roig, OCS
Drug Status Report

Drug: 1-(3-Aminopropyl)-4-(2-methoxyphenyl)piperazine

Drug Name Status: 1-(3-Aminopropyl)-4-(2-methoxyphenyl)piperazine is the common name.

Chemical Name: 1-(3-Aminopropyl)-4-(2-methoxyphenyl)piperazine

Other Names: 3-[4-(2-Methoxyphenyl)-1-piperazinyl]propylamine; 3-(4-(2-methoxyphenyl)piperazin-1-yl)propan-1-amine.

Chemical structure:

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\end{center}
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Molecular Formula: $\text{C}_{14}\text{H}_{23}\text{N}_3\text{O}$

Pharmacological class / Application: Fine chemical

CAS-RN: 20529-23-1

International status:

US: 1-(3-Aminopropyl)-4-(2-methoxyphenyl)piperazine 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: 1-(3-Aminopropyl)-4-(2-methoxyphenyl)piperazine is not listed in the schedules to the CDSA. The substance is a piperazine used to synthesize an organometallic
complex that binds to the 5HT serotonin receptor\(^1\). 1-(3-Aminopropyl)-4-(2-methoxyphenyl)piperazine is not structurally similar to any of the substances listed in the schedules to the CDSA.

**Recommendation:** 1-(3-Aminopropyl)-4-(2-methoxyphenyl)piperazine is not included in the Schedules to the CDSA and is not a controlled substance.

**Date:** June 11th, 2012.

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\(^1\)Correia, JDG et al. (2001) Heterofunctionalized phosphines as anchor groups for coupling biomolecules to the fac-[M(CO)\(_3\)]\(^+\) (MRe, Tc) moiety, J Labelled Comp Rad. 44: 507-509