

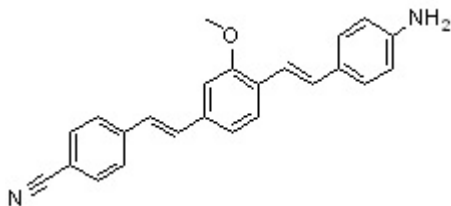
Drug Status Report

Drug: I - 4-(4-(aminostyryl)-3-methoxystyryl)benzonitrile
II- 4-(2-methoxy-4-(4-(methylsulfonyl)styryl)styryl)aniline

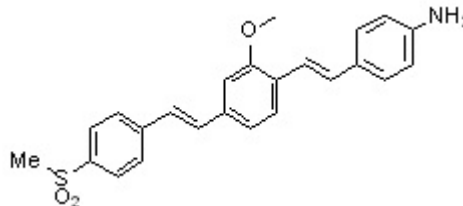
Drug Name Status: I - 4-(4-(aminostyryl)-3-methoxystyryl)benzonitrile
II- 4-(2-methoxy-4-(4-(methylsulfonyl)styryl)styryl)aniline are common names.

Chemical Name: I - 4-[(E)-4-((E)-(aminostyryl)-3-methoxystyryl)]benzonitrile
II - 4-[(E)-(2-methoxy)-4-(E)-(4-(methylsulfonyl)styryl)styryl]aniline

Chemical structure:



I



II

Molecular Formula: I - C₂₄H₂₀N₂O; II - C₂₄H₂₃NO₃S

Pharmacological class / Application: Fluorophores

International status:

US: The substance is not listed on 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. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 4-(4-(aminostyryl)-3-methoxystyryl)benzonitrile and 4-(2-methoxy-4-(4-(methylsulfonyl)styryl)styryl)aniline are two compounds used *in vivo* for optical imaging purposes. The substances are not similar to any of the substances listed in the Schedules to the CDSA.

Recommendation: 4-(4-(aminostyryl)-3-methoxystyryl)benzonitrile and 4-(2-methoxy-4-(4-(methylsulfonyl)styryl)styryl)aniline are not included in the Schedules to the CDSA and are not considered controlled substances.

May 19th, 2010