

Drug Status Report

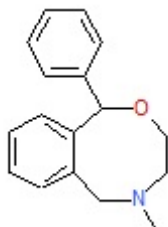
Drug: Nefopam

Drug Name Status: Nefopam is the INN.

Chemical Name: 3,4,5,6-tetrahydro-5-methyl-1-phenyl-1*H*-2,5-benzoxazocine

Other Names: Fenazoxine, 5-methyl-1-phenyl-1,3,4,5-tetrahydro-5*H*-benz[f]-2,5-oxazocine

Chemical structure:



Molecular Formula: C₁₇H₁₉NO

Pharmacological class / Application: non-opioid analgesic

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: Nefopam is not listed in any of the schedules to the CDSA. The drug is considered a chemical analogue of orphenadrine and diphenhydramine, and has been characterised as a non-opioid analgesic¹ used for the treatment of both acute and chronic pain.

Recommendation:

Nefopam is not included in the schedules to the CDSA and is not considered a controlled substance.

December 7th, 2009.

¹M Verleye *et al.*, (2004) Nefopam blocks voltage-sensitive sodium channels and modulates glutamatergic transmission in rodents, *Brain Research*, 1013: 249-255.