Drug Status Report

Drug: Racecadotril

Drug Name Status: Racecadotril is the INN.

Chemical Name: N-[(R,S)-2-(acetylthio)methyl]-1-oxo-3-phenylpropyl]glycine phenylmethyl ester

Other Names: N-[(R,S)-3-acetylthio-2-benzylpropanoyl]glycine benzyl ester; acetorphan

Chemical structure:

![Chemical structure of Racecadotril]

Molecular Formula: C_{21}H_{23}NO_{4}S

Pharmacological class / Application: Antisecretory enkephalinase inhibitor

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: Racecadotril is an oral enkephalinase inhibitor used in the treatment of acute diarrhoea\(^1\). The drug is not listed specifically on any of the schedules to the CDSA and is not similar to other substances listed in the schedules to the CDSA.

Recommendation:

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

December 7\(^{th}\), 2009.