

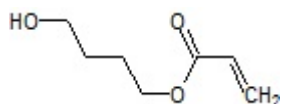
Drug Status Report

Drug: Hydroxybutyl acrylate

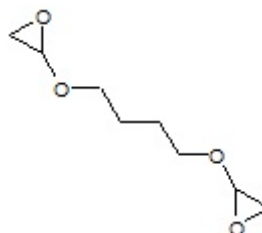
Drug Name Status: Hydroxybutyl acrylate is the common name.

Chemical Name: 2-Propenoic acid, 4-hydroxybutyl ester

Chemical structure:



Hydroxybutyl acrylate



1,4-Butanediol
diglycidyl ether

Molecular Formula: $C_7H_{12}O_3$

Pharmacological class / Application: fine chemical

International status:

US: The substance is not currently listed on the US Controlled Substances Act 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Hydroxybutyl acrylate is not listed specifically on the CDSA. It is an acrylate ester (derivative) of 1,4-butanediol which is item 19 of Part I of Schedule VI. The derivatives of 1,4-butanediol are not included in the item.

A status report on another derivative of 1,4-butanediol, 1,4-butanediol diglycidyl ether (structure above), was submitted in 2007.

Recommendation: Hydroxybutyl acrylate is neither a precursor nor a controlled substance under the CDSA.

December 1, 2008