

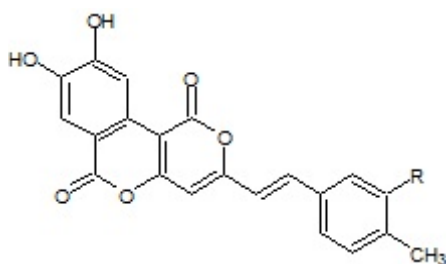
Drug Status Report

Drug: Phellinus linteus

Phellinus linteus is a fungus that grows wild in some Asian countries. It is purported to have anticancer properties.

Constituents: Meshimakolbnol A, meshimakolbnol B, phellifuropyranone A, phelligridin G, hispidin, phelligridimer A, davallialactone, methyldavallialactone, hypholomine B, interfungins A, and inoscavin A^{1,2}.

Chemical structure:



Meshimakolbnol A: R=OH; Meshimakolbnol B: R=H

International status:

US: The substance is not 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: The structures of meshimakolbnol A, meshimakolbnol B are shown above as they are characteristic of the substances that have been isolated from Phellinus linteus. The constituents of Phellinus linteus are not currently listed on the schedules to the CDSA and are not structurally similar to substances listed on the schedules. There are no reports that Phellinus linteus contains psychoactive substances.

Recommendation: Methyl alpha-bromophenylacetate is not included in the schedules to the CDSA

¹ Kojima K, Ohno T, Inoue M, Mizukami H, Nagatsu A, Chem Pharm Bull (Tokyo). 2008 Feb;56(2):173-5

² Lee YS, Kang YH, Jung JY, Kang IJ, Han SN, Chung JS, Shin HK, Lim SS, Biol Pharm Bull. 2008 Apr;31(4):765-8.

and is not a controlled substance.

July 10, 2008