

Drug Status Report

Drug: Venom Lean Dreams

Drug Name Status: Venom Lean Dreams is the trade name.

Ingredients:

Oleamide
L-Tryptophan Ethyl Ester
Ziziphus jujuba PE 2%, Jujubosides
Valeriana Officinalis Root Extract
Scutellaria baicalensis Root PE 90% Baicalin
Salvia Officinalis Proprietary Extract
Rotundine
Magnolia officinalis Bark PE 90%, Magnolol/Honokiol
Piperine
Melatonin

Canadian Status:

Oleamide is a primary fatty acid amide. It was first isolated from the cerebrospinal fluid of sleep-deprived cats, and has been characterized and identified as the signalling molecule responsible for causing sleep. For example, it induced physiological sleep when injected directly into the brain of rats. Although other fatty acid primary amides in addition to cis-9,10-octadecenoamide are present naturally in the cerebrospinal fluid of animals, no others exhibit similar physiological activity¹.

L-Tryptophan ethyl ester is a derivative of the essential amino acid.

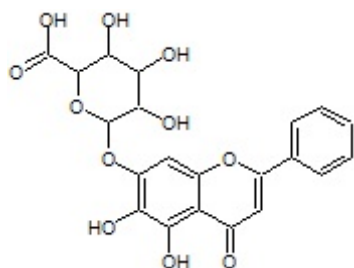
Jujube is a fruit that has also been used as a herbal remedy. It is claimed that it aids weight gain, improves muscular strength and increases stamina. In Chinese medicine it is prescribed as a tonic to strengthen liver function.

Valerian is a common plant that has been used for the treatment of sleeping disorders, restlessness and anxiety, and as a muscle relaxant².

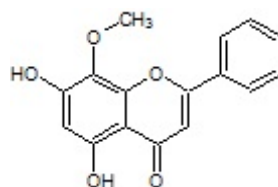
Scutellaria baicalensis also known as baikal or Chinese scullcap is in Asia and contains flavonoids Two of its flavonoids, baicalin and wogonin (structures below), are claimed to counteract inflammation.

¹ <http://www.lipidlibrary.co.uk/Lipids/amides/index.htm>

² [http://en.wikipedia.org/wiki/Valerian_\(herb\)#Medicinal_use](http://en.wikipedia.org/wiki/Valerian_(herb)#Medicinal_use)



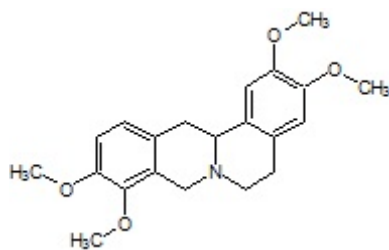
Bacalin



Wogonin

Salvia Officinalis is also known as common sage a common kitchen herb.

Rotundine (tetrahydropalmatine, structure below) is an alkaloid isolated from the stem tubers Chinese medicinal herb *Corydalis*. It has been claimed to reduce morphine tolerance³.



Rotundine

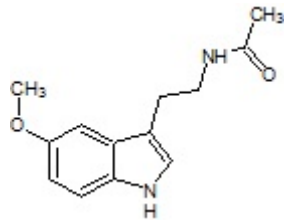
Magnolia is a flowering plant from which the bark has long been used in traditional Chinese medicine where it is known as hou po⁴.

Piperine has been reviewed previously; it is not included in the schedules to the CDSA.

Melatonin (structure below) is a tryptamine that is involved in the regulation of sleep.

³ <http://www.mcmaster.ca/inabis98/kwan/wong0190/index.html>

⁴ http://en.wikipedia.org/wiki/Magnolia#Medicinal_uses



Melatonin

Recommendation: The ingredients in Venom Lean Dreams are not included in the schedules CDSA; Venom Lean Dreams is not a controlled substance.

May 26, 2008