

# Baicalin

Cat. No. EXT-023

Lot. No. (See product label)



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## Product Name

Baicalin

## Product Overview

Baicalin is a flavonoid compound extracted from the root of *Scutellaria baicalensis* Georgi. It is a light yellow powder at room temperature with a bitter taste. Hardly soluble in methanol, ethanol, acetone, slightly soluble in chloroform and nitrobenzene, almost insoluble in water, soluble in hot acetic acid. It is green when it meets ferric chloride, and an orange precipitate is formed when it meets lead acetate. Dissolved in alkali and ammonia water, it appears yellow at first, and then turns black brown soon. It has significant biological activity, has antibacterial, diuretic, anti-inflammatory, cholesterol-lowering, anti-thrombosis, alleviating asthma, purging fire and detoxification, hemostasis, anti-fetus, anti-allergic and antispasmodic effects. It is also a mammalian\* salivase. Specific inhibitors have the effect of regulating certain diseases, and also have strong anti-cancer response physiological effects. Mainly used for the treatment of dampness, heat, chest tightness, vomiting, damp-heat fullness, diarrhea, jaundice, lung-heat cough, high fever polydipsia, blood-heat vomit, carbuncle swelling and sore poison, fetal dysfunction. In addition, baicalin can absorb ultraviolet rays, scavenge oxygen free radicals and inhibit the production of melanin. It is a good functional cosmetics material.

## Source

Scutellaria root

## Form

Light yellow powder

## Molecular Mass

446.36

## Applications

Baicalin is used in the treatment of infectious hepatitis, acute jaundice type and chronic hepatitis, acute biliary infection, lead poisoning and other diseases. As an antibacterial drug, baicalin is used for purging fire and detoxification, hemostasis and fetal safety. It has broad-spectrum antibacterial effects and is also beneficial for bile, anti-inflammatory, anti-allergic reaction, antipyretic, detoxification, diuretic, hypotensive and other effects. Clinical practice is used at treating infectious hepatitis, have better curative effect to reducing hepatitis activity period grain third transaminase, still use at treating apoplexy and paralyze, can reduce cerebral vascular resistance, increase cerebral blood flow, improve blood brain barrier permeability and fight the platelet agglutination action that causes by phosphate adenosine.

## Molecular Formula

C<sub>21</sub>H<sub>18</sub>O<sub>11</sub>

## CAS

21967-41-9

## Content

0.8

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