



**Composition:**

Liquid extract of Polygonum Cuspidatum root 5ml. containing trans-resveratrol, phytoalexins and other phenolic antioxidant concentrates.

**Mechanism of action:**

The biologically active additive is a natural concentrate of flavonoids, polyphenolic compounds stilbenes (resveratrol) and other phytoalexins melatonin (amino acid). Flavonoids are characterized by antimicrobial, antioxidant, anti-tumor, geroprotective (anti-aging), antidiabetic and immunomodulatory action. Resveratrol is characterized by strong: antioxidant, anti-inflammatory, hypocholesterolemic, hypotensive and cardioprotective action. In the body, resveratrol is metabolized by the liver cytochrome enzyme system (P-450), which produces the substance piceatanol, which has a strong anti-tumor effect (stimulates apoptosis of tumor cells). Resveratrol has intracellular antioxidant action activating sirtuin-1 (sirtuin-1) (SIRT1), nicotinamide-adenine-dinucleotide (NAD<sup>+</sup>)-dependent histone deacetylase, which is involved in mitochondrial biogenesis in the action of peroxisome proliferator-activated receptor co-activator-1 $\alpha$  (PGC-1 $\alpha$ ) and FOXO (forkhead box). The antidiabetic, neuroprotective, and antidiabetic (anti-obesity) effects of resveratrol may be mediated by SIRT1 activation. Resveratrol has antiviral action against herpes simplex virus-1 (HSV1) and HSV2. It also exhibits anti-tumor and phytoestrogenic biological activities. [1] Resveratrol is known to prolong life in many species through several physiological and biochemical reactions. [2]

**Therapeutic indications:**

**It is recommended to use "Soulageur":**

- as an antiproliferative and proapoptotic agent
- for complex use with chemotherapeutic agents to reduce their toxic side effects
- in parallel with standard therapy in infectious diseases and during the subsequent convalescence period
- to improve liver function in case of its damage (viral, drug, alcohol)
- to regulate blood pressure
- to improve carbohydrate metabolism and blood lipid spectrum
- to improve the function of the musculoskeletal system
- to increase immunoresistance in specific chronic infections of the lungs (e.g., tuberculosis, chronic bacterial and viral infections)



**Contraindications:**

- Pregnancy
- Lactation
- Hypersensitivity to the components of the drug

**Side effects:**

Rarely a headache. Rarely allergic reactions in the form of skin rash, sleepiness.

**Special instructions:**

Soulageur should be prescribed with caution in severe forms of bronchial asthma.

**Administration:**

Soulageur is administered 1 or 2 ampoules 5ml, for oral use, 3 times a day, 1 hour after meal. One course lasts 3-7 days. The number of course days is determined individually according to the form and severity of the disease

**Terms of dispensing from the pharmacy:**

Dispensed without a prescription

**Pharmaceutical form:**

Ampoules: paper box of 10 ampoules ich 5ml.

**Storage conditions:**

The drug is stored in a dry, cool place, out of reach of children, shelf life 2 years.

**Literature:**

1. Therapeutic potential of resveratrol: the in vivo evidence Baur JA and Sinclair DA Nature Reviews Drug Discovery 5(6), 493-493, (2006)
2. Resveratrol improves health and survival of mice on a high-calorie diet Baur JA, et al. Nature 444(7117), 337-337, (2006)
3. Cancer Chemopreventive Activity of Resveratrol, a Natural Product Derived from Science 10 Jan 1997: Vol. 275, Issue 5297, pp. 218-220
4. The Potential Use of Resveratrol for Cancer Prevention, 2019 Dec; 24(24): 4506.

The drug is manufactured by LLC "Biopharm-L" (i/c: 205 014 839)  
for LLC "Soulageur" (i/c: 405 448 984).

Georgia, Tbilisi 0131, K. Gogiasvili str. #2.

E-mail: [info@soulageur.com](mailto:info@soulageur.com), [www.soulageur.com](http://www.soulageur.com)