

# Noben®

**International Non-Proprietary Name (INN):** Idebenone

**Dosage Form:** capsules

**Structure:** 1 capsule contains:

*Active ingredient:* idebenone 30mg.

*Excipients:* lactose, microcrystalline cellulose, potato starch, low-molecular povidone, magnesium stearate.

*Shell composition:* titanium dioxide; quinoline yellow; the "Sunset" yellow; gelatine.

**Description:** firm, gelatine capsules №1. The composition of capsules is granulate, containing granules and powder of yellow or yellow-orange colour with impregnations of colour ranging from light yellow to orange, white impregnations are allowed.

**Pharmacological classification:** nootropics

**ATX Code:** N06BX13

**Pharmacological Action:** nootropic

**Pharmacodynamics:**

Noben improves metabolic processes in the brain by activating the synthesis of glucose and ATP by improving the blood supply and oxygenation of brain tissues; it facilitates the excretion of lactates. Being an antioxidant, it slows down lipid peroxidation and thereby protects the membranes of neurons and mitochondria from damage.

Has nootropic and psychostimulating effect and neuroprotective action. From the first days of treatment, the medicine reveals its anti-asthenic, psychostimulating and antidepressant effects.

Nootropic and mnemotropic action is observed after 20-25 days of treatment.

**Pharmacokinetics:**

Quickly absorbed from the digestive tract, the peak of the concentration in the blood is reached after 4 hours. The half-life is about 18 hours. Easily penetrates through the BBB in significant quantities and is distributed in the brain tissues. There is no cumulation even in case of prolonged treatment. Metabolized in the liver, excreted in urine and fecal masses.

**Intended Uses:**

Various manifestations of cerebrovascular insufficiency (psycho-organic syndrome), caused by impaired cerebral circulation and age-related involuntary changes in the brain; cerebroasthenic disorders of vascular, traumatic, psychogenic (neurasthenia) and combination etiology, manifested in the form of memory and/or attention impairment, decreased intellectual productivity and general activity, emotional instability, asthenic, asthenodepressive and moderately depressive states, headache, dizziness, noise in the ears.

**Contraindications:**

Hypersensitivity to Noben's ingredients, severe renal failure, children under 18 years old (due to the lack of data). Apply with caution during pregnancy and lactation.

**Dosage and Administration:**

Per os. 1 capsule (30 mg) 2 - 3 times a day after meals, the last intake is no later than 5 pm. The duration of the treatment is 1.5 - 2 months. Depending on the severity of the symptoms 2-3 courses per year are administered.

**Side effects:**

Allergic reactions, sleep disturbance, mental agitation, headache, dyspepsia.

**Overdose:**

Symptoms: increased severity of side effects.

Treatment: stomach lavage, activated charcoal, symptomatic therapy.

**Interaction with Other Drugs:**

Not established.

**Pregnancy and Lactation:**

Apply with caution during pregnancy and lactation.

**Influence on the Ability to Drive Vehicles and Mechanisms:**

The medicine is contraindicated for drivers and people whose work requires a quick mental and motor reaction due to the lack of study of the medicine influence on such groups of people.

**Terms of Release From Pharmacy:** on prescription

**Storage Conditions:** Store in a dry, dark place at a temperature no higher than 30°C. Keep out of reach of children.

**Shelf Life:** 3 years. Do not use beyond the expiration date.

**Country of Manufacture:** Russia