Nooclerin®

International Non-Proprietary Name (INN): Deanol aceglumate

Dosage Form: oral solution

Structure: 100ml of the solution contains:
Active ingredients: acetylglutaminic acid (N-acetyl-L-glutaminic acid), deanol (2- (dimethylamino)ethanol).
Excipients: methyl parahydroxybenzoate, propyl parahydroxybenzoate, xylitol (xylite), purified water.

Description: 20% solution for oral administration with a pink or yellowish tint and a specific smell.

Pharmacological Classification: nootropic medicine with psychostimulating activity

ATX Code: N06BX

Pharmacological Action: nootropic, neuroprotective

Pharmacodynamics:
Nooclerin is a nootropic medicine, its chemical structure is close to natural metabolites of the brain (GABA, glutamic acid). It has a neuroprotective effect, improves memory and learning process, has a positive effect in case of asthenic and adynamic disorders, increasing the motor and mental activity of patients. The medicine improves the ability to concentrate. Nooclerin has a positive influence on neurotic conditions in elderly and senile patients, which were caused by organic brain deficiency and alcohol withdrawal syndrome.

Pharmacokinetics:
The maximum concentration is reached 0.5-1 hour after a per os intake in the brain and in lesser amounts in the liver, heart, lungs, blood plasma, and in the kidneys. The half-life is 24 hours. Excreted by the kidneys.

Intended Uses:
For adults:
- Cerebrovascular diseases of the brain (dyscirculatory encephalopathy and post-stroke disorders);
- Convalescence period after the craniocerebral injury;
- Asthenic and astheno-depressive disorders, psycho-organic syndrome;
- Cupping (in complex therapy) of alcohol-abstinence syndrome;
- Improvement of memory and attention (intellectual-mnestic functions).

For children of 10 years and older:
- Borderline neuropsychic disorders of asthenic and neurotic nature, including the consequences of craniocerebral injury;
- Complex treatment of mental retardation.

Contraindications:
Increased individual sensitivity to the medicine, infectious diseases of the central nervous system, febrile and psychotic state, blood system disorders, expressed liver and kidney disorders, pregnancy and lactation, children under 10 years old.

Dosage and Administration:
One teaspoon of the solution (5 ml) is equal to 1 g of the active ingredient. Adults take the medicine per os by 1 teaspoon 2-3 times a day; the last intake is no later than 4 hours before sleep. The maximum single dose is 2 g (2 teaspoons), in special cases, the dose may be increased according to the doctor's prescription (the maximum daily dose is 10 g (10 teaspoons)). The daily dose for children of 10-12 years is 0.5-1.0 g (1/2-1 teaspoon), for children over 12 years - 1-2 g (1-2 teaspoons).
Duration of treatment is 1.5-2 months 2-3 times a year.

Side Effects:
Allergic reactions, headaches, sleep disorders, constipation, weight loss, itching, in some cases - dyspepsia (in elderly patients).

Overdose:
In case of an overdose, the symptoms of side effects are intensified. First aid is pumping the stomach and taking of activated charcoal. If necessary - symptomatic therapy.

Interaction with Other Medicines:
Nooclerin can potentiate the effect of medicines that stimulate the central nervous system.

Pregnancy and Lactation:
The medicine is contraindicated during pregnancy and lactation.

Influence on the Ability to Drive Vehicles and Mechanisms:
No data.

Terms of Release from Pharmacy: on prescription

Storage Conditions: Store in a dry, dark place at a temperature of 5-25°C. Keep out of reach of children.

Shelf Life: 3 years. Do not store more than 1 month after opening. Do not use beyond the expiration date.

Country of Manufacture: Russia