

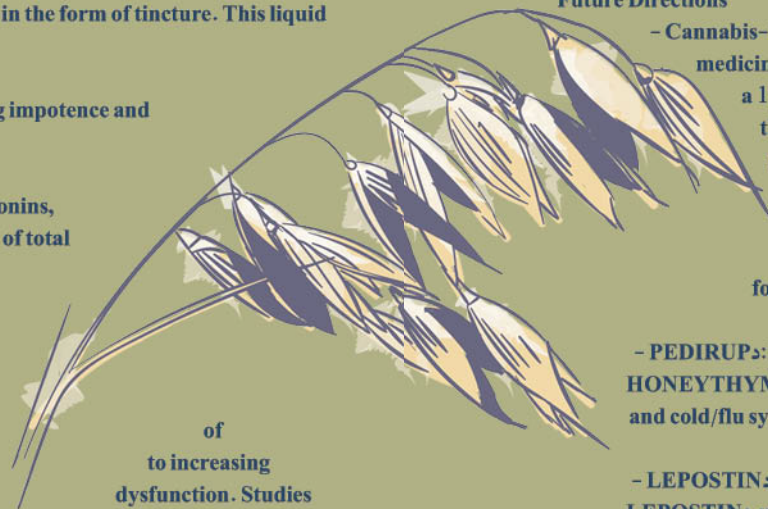
# AVENASIN

AVENASIN is an herbal product from *Avena sativa* L. (oat) extract in the form of tincture. This liquid is absorbed quickly through stomach and is fast-acting.

**Medicinal indication:** Tranquilizer and improves sleep time; treating impotence and premature ejaculation; treating smoking addiction.

**Medicinal ingredients:** Total phenol, glucans, silicic acid, steroid saponins, avenacosid A and B. Each 15 drops is standardized based on 430 mg of total oat extract.

**Pharmacology:** The tincture of oat is used as a nervous tonic in case of insomnia, nervous exhaustion, antidepressive and these effects are shown to act via MAO-B inhibitory activity. Also oat works by increasing the amount of free testosterone in the blood which leads to increasing sexual functions and treatment of sexual dysfunction. Studies have shown that oat helps smoking cessation. Recommended dosage: 15-10 drops, 3 times a day in a small amount of water for adults, 15 minutes before meals. If needed, take 50-30 drops in water at bedtime; 3 drops, 3 times a day for children 12-4 years of age. Considerable notes: Take drops in a small amount of water and sweeten with honey. Oat product should not be used by persons with intestinal obstruction and hyperthyroidism. Should not be used in case of allergy to cereals.



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**Pregnancy and lactation:** There is no data available on its use during pregnancy and lactation. Caution is recommended.

**Packaging:** Offered to the market in 30 ml drops inside the box along with a user guide.

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## Future Directions

- **Cannabis-derived medications:** A series of Iranian native cannabis-derived medicines are in the pipeline research and development. The first product is a 15 ml-buccal spray and is ready to be launched in the market soon for the treatment of pain and muscular stiffness in multiple sclerosis (MS) patients. The medicine contains certain amounts of cannabinoids especially THC and CBD totally extracted from selected genotypes of Iranian medical Cannabis. The second cannabis-based medicine containing cannabidiol (CBD) has been developed to be administered for high-blood sugar issues.
- **PEDIRUP:** PEDIRUP is a 60 ml syrup which is a modified formulation of HONEYTHYME to be used for the children under 4 years of age suffering from cough and cold/flu symptoms. Production of this drug is in process.
- **LEPOSTIN:** This medicine is a novel formulation for controlling high-cholesterol. LEPOSTIN which is made from oat seeds can be taken together with traditional medications with no contraindication. Production of this drug is in process.
- **TURMERIN:** This medicine is a formulation for controlling of dyspepsia. TURMERIN which is made from turmeric extract, can be taken together with traditional medications with no contraindication. Production of this drug is in process.