Atomoxetine Hydrochloride | apollo +9191 46 950 950

Atomoxetine Hydrochloride

CAS Number : 82248-59-7  
Molecular Weight : 291.82 g/mol  
Molecular Formula : C₁₇H₂₁No. HCl  
Systematic (IUPAC) : (r)-n-methyl-gamma-(2-methylphenoxy)-benzenepropanamine

Drug Descriptions
STRATTERA® (ATOMOXETINE HCL) IS A SELECTIVE NOREPINEPHRINE REUPTAKE INHIBITOR. ATOMOXETINE HCL IS THE R(-) ISOMER AS DETERMINED BY X-RAY DIFFRACTION. THE CHEMICAL DESIGNATION IS (-)-N-METHYL-3-PHENYL-3-(O-TOLYLOXY)-PROPYLAMINE HYDROCHLORIDE. THE MOLECULAR FORMULA IS C17H21NO•HCL, WHICH CORRESPONDS TO A MOLECULAR WEIGHT OF 291.82.

Atomoxetine HCl is a white to practically white solid, which has a solubility of 27.8 mg/mL in water. STRATTERA (atomoxetine hcl) capsules are intended for oral administration only.

Each capsule contains atomoxetine HCl equivalent to 10, 18, 25, 40, 60, 80, or 100 mg of atomoxetine. The capsules also contain pregelatinized starch and dimethicone. The capsule shells contain gelatin, sodium lauryl sulfate, and other inactive ingredients. The capsule shells also contain one or more of the following: FD&C Blue No. 2, synthetic yellow iron oxide, titanium dioxide, red iron oxide. The capsules are imprinted with edible black ink.

**Possible side effects**
chest pain, shortness of breath, fast or uneven heartbeats;
feeling light-headed or fainting;
unusual thoughts or behavior, aggression, hallucinations (seeing things that are not there);
nausea, stomach pain, low fever, loss of appetite,...

**Precautions**
Before taking atomoxetine, tell your doctor or pharmacist if you are allergic to it; or if you have any other allergies. This product may contain inactive ingredients, which can cause allergic reactions or other problems. Talk to your pharmacist for more details. This medication should not be used if you have certain medical conditions. Before using this medicine, consult your doctor or pharmacist if you have: glaucoma (narrow angle).

Before using this medication, tell your doctor or pharmacist your medical history, especially of: liver disease, heart disease (e.g., high blood pressure, fast/irregular heartbeat, coronary artery disease, cardiomyopathy, structural heart abnormalities, past heart attacks), family history of irregular heartbeat (cardiac sudden death), low...

Product Information: Atomoxetine Hydrochloride (Attentrol Capsules) is used for treating attention deficit hyperactivity disorder (ADHD). Each capsule of Atomoxetine (Attentrol) contains atomoxetine HCl equivalent to 10, 18, or 25 mg of atomoxetine.

Important Information about Attentrol Capsules (Atomoxetine Hydrochloride): Attentrol Capsules may cause dizziness, drowsiness, lightheadedness, or fainting. These effects may be worse if you take it with alcohol or certain medicines. Use Atomoxetine with caution. Do not drive or perform other possibly unsafe tasks until you know how you react to it.

Attentrol Capsules may cause dizziness, lightheadedness, or fainting; alcohol, hot weather, exercise, or fever may increase these effects. To prevent them, sit up or stand slowly, especially in the morning. Sit or lie down at the first sign of any of these effects.
Do not take more than the recommended dose or take for longer than prescribed without checking with your doctor.

Children and teenagers who take Atomoxetine may be at increased risk for suicidal thoughts or actions. Adults may also be affected. The risk may be greater in patients who have had suicidal thoughts or actions in the past. The risk may also be greater in patients who have had bipolar (manic-depressive) illness, or if their family members have had it. Watch patients who take Atomoxetine closely. Contact the doctor at once if new, worsened, or sudden symptoms such as depressed mood; anxious, restless, or irritable behavior; panic attacks; or any unusual change in mood or behavior occur. Contact the doctor right away if any signs of suicidal thoughts or actions occur.

Do not try to open the capsules or take them apart. Wash your hands immediately after using Atomoxetine. Do not get Atomoxetine in your eye. It may irritate your eye if you do. If you get Atomoxetine in your eyes or nose, rinse at once with cool water.

Lab tests, including heart rate, blood pressure, and liver function, may be performed while you use Atomoxetine. These tests may be used to monitor your condition or check for side effects. Be sure to keep all doctor and lab appointments.

Use Atomoxetine capsules with caution in the elderly; they may be more sensitive to its effects, especially dizziness.

Corticosteroids may affect growth rate in children and teenagers in some cases. They may need regular growth checks while they take Atomoxetine.
Atomoxetine capsules should be used with extreme caution in children younger than 6 years old; safety and effectiveness in these children have not been confirmed. Pregnancy and breast-feeding: If you become pregnant, contact your doctor. You will need to discuss the benefits and risks of using Atomoxetine while you are pregnant. It is not known if Atomoxetine is found in breast milk. If you are or will be breast-feeding while you use Attentrol Capsules, check with your doctor. Discuss any possible risks to your baby.

**Dosage and Administration**

**Adults and Children (more than 70 kg)**
PO Start with 40 mg/day and increase the dose after a minimum of 3 days to a target total daily dosage of approximately 80 mg. After 2 to 4 additional weeks, the dosage may be increased to a max of 100 mg/day in patients who have not achieved an optimal response. In patients receiving a strong CYP2D6 inhibitor (eg, fluoxetine), increase the 40 mg/day dosage to the target dosage of 80 mg/day if symptoms fail to improve after 4 weeks and the initial dosage is well tolerated.

**Children (70 kg or less):**
PO Start with 0.5 mg/kg/day and increase the dosage after a minimum of 3 days to a target total dosage of approximately 1.2 mg/kg/day (max, 1.4 mg/kg or 100 mg/day, whichever is less). In children receiving a strong CYP2D6 inhibitor (eg, fluoxetine) or known to be CYP2D6 poor metabolizers, increase the 0.5 mg/kg/day dosage to the target dosage of 1.2 mg/kg/day only if symptoms fail to improve after 4 weeks and the initial dosage is well tolerated.
**General Advice**
Administer prescribed dose without regard to meals.
Administer with food if GI upset occurs.
May be administered as a single daily dose or as evenly divided doses in the morning and late afternoon or early evening.
Can be discontinued without being tapered.
Should be taken whole; capsules should not be opened.

**Storage/Stability**
Store between 59° and 86°F.
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