

Valsartan Cas No. : 137862-53-4

This drug is used to treat high blood pressure (hypertension) and heart failure. High blood pressure reduction helps prevent strokes, heart attacks, and kidney problems. This drug works by blocking the hormone angiotensin thereby relaxing blood vessels, causing them to widen. Valsartan belongs to a class of drugs called angiotensin receptor blockers.

Active Pharmaceuticals Ingredients Manufacturers



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Taj Pharmaceuticals Ltd.**Valsartan****CAS No. : 137862-53-4****Synonyms:**

(2S)-3-methyl-2-[N-({4-[2-(2H-1,2,3,4-tetrazol-5-yl)phenyl]phenyl} methyl)pentanamido]butanoic acid

Identifiers

CAS number 137862-53-4

ATC code C09CA03

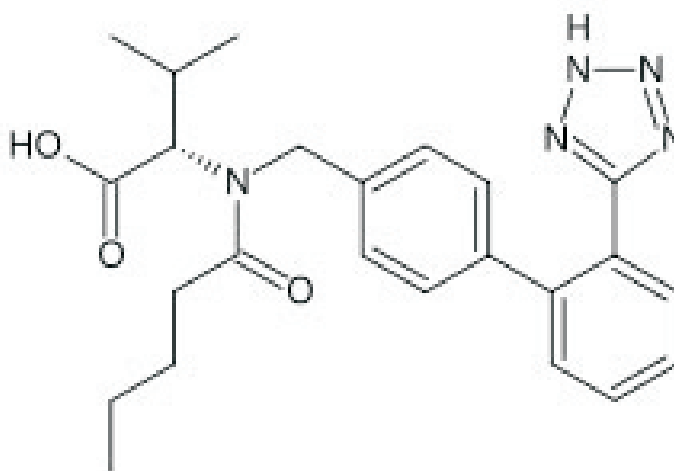
PubChem 60846

DrugBank APRD00133

Chemical dataFormula C₂₄H₂₉N₅O₃

Mol. mass 435.519 g/mol

SMILES eMolecules & PubChem

**Pharmacokinetic data**

Bioavailability 25%

Protein binding 95%

Metabolism

Half life 6 hours

Excretion Renal 30%, biliary 70%

Valsartan is a nonpeptide, orally active, and specific angiotensin II antagonist acting on the AT1 receptor subtype.

Valsartan is chemically described as N-(1-oxopentyl)-N-[[2'-(1H-tetrazol-5-yl) [1,1'-biphenyl]-4-yl]methyl]-L-valine. Its empirical formula is C₂₄H₂₉N₅O₃, its molecular weight is 435.5.

Valsartan is a white to practically white fine powder. It is soluble in ethanol and methanol and slightly soluble in water. Valsartan is available as tablets for oral administration, containing 40 mg, 80 mg, 160 mg or 320 mg.

WARNING

This drug can cause serious (possibly fatal) harm to an unborn baby if used during pregnancy. Therefore, it is important to prevent pregnancy while taking this medication. Consult your doctor for more details and to discuss the use of reliable forms of birth control while taking this medication. If you are planning pregnancy, become pregnant, or think you may be pregnant, contact your doctor immediately.

USES

This drug is used to treat high blood pressure (hypertension) and heart failure. High blood pressure reduction helps prevent strokes, heart attacks, and kidney problems. This drug works by blocking the hormone angiotensin thereby relaxing blood vessels, causing them to widen. Valsartan belongs to a class of drugs called angiotensin receptor blockers.



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Valsartan

CAS No 137862-53-4

HOW TO USE

Take this medication by mouth, with or without food, as directed by your doctor. Use this medication regularly in order to get the most benefit from it. To help you remember, use it at the same time(s) each day.

If you are using the suspension, shake the bottle well for at least 10 seconds before each dose. Use a medication measuring device or spoon to carefully measure the prescribed dose. Do not use a household spoon because you may not get the correct dose.

Do not take potassium supplements or salt substitutes containing potassium without talking to your doctor or pharmacist first. This medicine can raise your potassium levels, which rarely can cause serious side effects such as muscle weakness or very slow heartbeats. Tell your doctor immediately if these effects occur.

The dosage is based on your medical condition and response to therapy.

SIDE EFFECTS

You may experience dizziness, lightheadedness, tiredness, or blurred vision as your body adjusts to the medication. If any of these effects persist or worsen, notify your doctor or pharmacist promptly. Tell your doctor immediately if any of these highly unlikely but very serious side effects occur: change in the amount of urine, signs of infection (e.g., fever, chills, persistent sore throat), stomach/abdominal pain, severe nausea, yellowing eyes or skin, dark urine, unusual fatigue. An allergic reaction to this drug is unlikely, but seek immediate medical attention if it occurs. Symptoms of an allergic reaction include: rash, itching, swelling (especially of the face, lips, tongue, or throat), severe dizziness, trouble breathing.



PRECAUTIONS

Before taking valsartan, tell your doctor or pharmacist if you are allergic to it; or to ACE inhibitors (e.g., captopril, lisinopril); or if you have any other allergies.

Before using this medication, tell your doctor or pharmacist your medical history, especially of: kidney disease, liver disease, high blood levels of potassium, heart problems, severe dehydration (and loss of electrolytes such as sodium).

Before having surgery, tell your doctor or dentist that you are taking this medication.

Caution is advised when using this drug in the elderly because they may be more sensitive to the effects of the drug, especially the dizziness effect.

This medication is not recommended for use during pregnancy due to the risk for harm to an unborn baby.

MISSED DOSE

If you miss a dose, use it as soon as you remember. If it is near the time of the next dose, skip the missed dose and resume your usual dosing schedule. Do not double the dose to catch up.



STORAGE

Store the tablets/capsules at room temperature at 77 degrees F (25 degrees C) away from light and moisture. Brief storage between 59-86 degrees F (15-30 degrees C) is permitted.

Store the suspension at room temperature below 86 degrees F (30 degrees C) for up to 30 days, or refrigerate at 36-46 degrees F (2-8 degrees C) for up to 75 days.

Do not store in the bathroom. Keep all medicines away from children

DOSAGE

The usual dose of valsartan in patients with high blood pressure is 80 to 160 mg once daily.

The maximum dose is 320 mg daily. Maximum blood pressure reduction occurs within 4 weeks. For congestive heart failure, the usual dose is 40 mg twice daily. The doses may be increased to 80-160 mg twice daily.

The initial dose after a heart attack is 20 mg twice daily.

The dose should be increased with a target of 160 mg twice daily if tolerated without side effects.

Administration of valsartan with food decreases the absorption of valsartan by about 40%, so it should be taken on an empty stomach.

Take this medication exactly as it was prescribed for you.

Do not take the medication in larger amounts, or take it for longer than recommended by your doctor. It may take 2 to 4 weeks of using this medicine before your blood pressure is under control. For best results, keep using the medication as directed.

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The Controlled Substances Act (CSA) was enacted into law by the Congress of the United States as Title II of the Comprehensive Drug Abuse Prevention and Control Act of 1970.[1] The CSA is the federal U.S. drug policy under which the manufacture, importation, possession, use and distribution of certain substances is regulated. The Act also served as the national implementing legislation for the Single Convention on Narcotic Drugs

This document plus the full buyer/ prescribing information, prepared for health professionals can be found at:

<http://www.tajapi.com>

or by contacting the sponsor, Taj Pharmaceuticals Limited., at:
91 022 30601000.

This leaflet was prepared by
Taj Pharmaceuticals Limited,
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