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2. Amlodipine/hydrochlorothiazide/olmesartan

Amlodipine, hydrochlorothiazide, and olmesartan

Generic name: amlodipine, hydrochlorothiazide, and olmesartan [*am-LOE-di-peen, HYE-droe-KLOR-oh-THYE-a-zide, and-OL-me-SAR-tan*]

Brand name: [Tribenzor](#)

Dosage form: oral tablet (10 mg-12.5 mg-40 mg; 10 mg-25 mg-40 mg; 5 mg-12.5 mg-20 mg; 5 mg-12.5 mg-40 mg; 5 mg-25 mg-40 mg)

Drug class: [Miscellaneous antihypertensive combinations](#)



[Medically reviewed](#) by Drugs.com on Feb 3, 2025. Written by [Cerner Multum](#).

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What is amlodipine, hydrochlorothiazide, and olmesartan

[Amlodipine](#) is a calcium channel blocker. [Hydrochlorothiazide](#) is a thiazide diuretic (water pill). [Olmesartan](#) is an [angiotensin II](#) receptor blocker (sometimes called an ARB).

Amlodipine, hydrochlorothiazide, and olmesartan is a combination medicine used to treat [high blood pressure](#) (hypertension).

amlodipine, hydrochlorothiazide, and olmesartan is usually given after other blood pressure medication did not work.

Amlodipine, hydrochlorothiazide, and olmesartan may also be used for purposes not listed in this medication guide.

Side Effects

Get emergency medical help if you have **signs of an allergic reaction:** hives; difficulty breathing; swelling of your face, lips, tongue, or throat.

Amlodipine, hydrochlorothiazide, and olmesartan may cause serious side effects. Call your doctor at once if you have:

- worsening chest pain;
- a light-headed feeling, like you might pass out;
- an unusual skin rash;
- pain or burning when you urinate;
- severe or ongoing diarrhea with [weight loss](#);
- blurred vision, tunnel vision, eye pain, or seeing halos around lights;
- **kidney problems**--little or no urination, swelling in your feet or ankles, feeling tired or short of breath; or

- **signs of an electrolyte imbalance**--increased thirst or urination, confusion, vomiting, [constipation](#), [muscle pain](#) or weakness, leg cramps, lack of energy, irregular heartbeats, numbness or tingling, loss of movement.

Common side effects of amlodipine, hydrochlorothiazide, and olmesartan may include:

- dizziness;
- headache, tired feeling;
- swelling in your hands or feet;
- nausea, diarrhea;
- runny or stuffy nose, [sore throat](#);
- muscle spasms;
- swollen joints; or
- painful urination.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

 [Amlodipine / hydrochlorothiazide / olmesartan side effects](#) (more detail)

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Warnings

You should not take this medicine if you are allergic to [sulfa drugs](#), or if you are unable to urinate.

Do not use if you are pregnant. Stop using the medicine and tell your doctor right away if you become pregnant.

If you have diabetes, do not use amlodipine, hydrochlorothiazide, and olmesartan together with any medication that contains aliskiren (a blood pressure medicine).

Before taking this medicine

You should not use this medicine if you are allergic to amlodipine, hydrochlorothiazide, or olmesartan, or:

- if you are allergic to any sulfa drug; or
- if you are unable to urinate.

If you have diabetes, do not use amlodipine, hydrochlorothiazide, and olmesartan together with any medication that contains aliskiren (a blood pressure medicine).

You may also need to avoid taking this medicine with aliskiren **if you have kidney disease.**

Tell your doctor if you have ever had:

- kidney disease;
- liver disease;
- heart disease;
- an electrolyte imbalance (such as high levels of calcium, or low levels of potassium or magnesium in your blood);
- low blood pressure;
- glaucoma;
- lupus;
- gout;
- diabetes; or
- a penicillin allergy.

Do not use if you are pregnant. Stop using the medicine and tell your doctor right away if you become pregnant. Olmesartan can cause injury or death to the unborn baby if you take the medicine during your second or third trimester.

You should not breastfeed while using this medicine.

How should I take amlodipine, hydrochlorothiazide, and olmesartan?

Follow all directions on your prescription label and read all medication guides or instruction sheets. Your doctor may occasionally change your dose. Use the medicine exactly as directed.

You may take this medicine with or without food.

Your chest pain may become worse when you first start taking this medicine or when your dose is increased. Call your doctor if your chest pain is severe or ongoing.

You can easily become dehydrated while taking this medicine. Drink plenty of water each day.

Your blood pressure will need to be checked often.

Some things can cause your blood pressure to get too low. This includes vomiting, diarrhea, or heavy sweating. Call your doctor if you are sick with vomiting or diarrhea.

If you need surgery or medical tests, tell the surgeon ahead of time that you are using this medicine.

It may take up to 2 weeks before your blood pressure improves. **Keep using this medicine as directed, even if you feel well.** High blood pressure often has no symptoms. You may need to use blood pressure medication for the rest of your life.

Store at room temperature away from moisture and heat.

Amlodipine, hydrochlorothiazide, and olmesartan dosing information

Usual Adult Dose for Hypertension:

Amlodipine 5 to 10 mg/Hydrochlorothiazide 12.5 to 25 mg/Olmesartan 20 to 40 mg orally once a day

Maximum dose: Amlodipine 10 mg/Hydrochlorothiazide 25 mg/Olmesartan 40 mg per day

Comments: Maximum antihypertensive effects are observed within 2 weeks of initial dose or dose change; dosage may be increased after 2 weeks.

Use: Treatment of hypertension as substitution for the individually titrated components or in patients not adequately controlled on maximally tolerated, labeled, or usual doses of any two of the following antihypertensive classes: [angiotensin receptor blockers](#) (ARBs), [calcium channel blockers](#) (CCBs), and diuretics.

Usual Geriatric Dose for Hypertension:

75 Years or Older:

Initial dose: Amlodipine should start at 2.5 mg in these patients, which is not available with this combination product.

Maintenance dose: Amlodipine 5 to 10 mg/Hydrochlorothiazide 12.5 to 25 mg/Olmesartan 20 to 40 mg orally once a day

Maximum dose: Amlodipine 10 mg/Hydrochlorothiazide 25 mg/Olmesartan 40 mg per day

Comments: Full antihypertensive effect is observed within 2 weeks of initial dose or dose change; dosage may be increased after 2 weeks.

Use: Treatment of hypertension as substitution for the individually titrated components or in patients not adequately controlled on maximally tolerated, labeled, or usual doses of any two of the following antihypertensive classes: angiotensin receptor blockers (ARBs), calcium channel blockers (CCBs), and diuretics.

 [Detailed Amlodipine / hydrochlorothiazide / olmesartan dosage information](#)

What happens if I miss a dose?

Take the medicine as soon as you can, but skip the missed dose if it is almost time for your next dose. **Do not** take two doses at one time.

What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222.

What should I avoid while taking amlodipine, hydrochlorothiazide, and olmesartan?

Do not use potassium supplements or salt substitutes, unless your doctor has told you to.

Drinking alcohol with this medicine can cause side effects.

Hydrochlorothiazide may increase your risk of [skin cancer](#). Avoid sunlight or tanning beds. Wear protective clothing and use sunscreen (SPF 30 or higher) when you are outdoors. Your doctor may want you to have skin examinations on a

regular basis.

Avoid getting up too fast from a sitting or lying position, or you may feel dizzy.

What other drugs will affect amlodipine, hydrochlorothiazide, and olmesartan?

Sometimes it is not safe to use certain medications at the same time. Some drugs can affect your blood levels of other drugs you take, which may increase side effects or make the medications less effective.

Tell your doctor about all your current medicines. Many drugs can affect amlodipine, hydrochlorothiazide, and olmesartan, especially:

- another a diuretic or "water pill";
- any other blood pressure medicines;
- insulin or oral diabetes medicine;
- steroid medicine;
- vitamin or mineral supplements that contain potassium;
- a sedative or opioid medicine;
- cholesterol-lowering medicine;
- an [antibiotic](#), antifungal, or antiviral medicine; or
- **NSAIDs (nonsteroidal anti-inflammatory drugs)**--aspirin, ibuprofen (Advil, Motrin), naproxen (Aleve), and others.

This list is not complete and many other drugs may affect amlodipine, hydrochlorothiazide, and olmesartan. This includes prescription and over-the-counter medicines, vitamins, and [herbal products](#). Not all possible [drug interactions](#) are listed here.

 [Amlodipine / hydrochlorothiazide / olmesartan drug interactions](#) (more detail)

Does amlodipine/hydrochlorothiazide/olmesartan interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

amlodipine/hydrochlorothiazide/olmesartan

+

Enter a drug name

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Patient resources

- [Olmesartan, amlodipine, and hydrochlorothiazide advanced reading](#)
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Other brands

[Tribenzor](#)

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Related treatment guides

- [High Blood Pressure](#)

Further information

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

[Medical Disclaimer](#)

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DRUG STATUS

Availability

Rx Prescription only

Pregnancy & Lactation


 Risk data available

CSA Schedule*



N/A Not a controlled drug

Approval History

 Drug history at FDA

WADA Class

 Anti-Doping Classification



User Reviews & Ratings

7.3 / 10

[20 Reviews](#)

Images

[Amlodipine Besylate, Hydrochlorothiazide and Olmesartan Medoxomil 10 mg / 12.5 mg / 40 mg \(TEVA 5003\)](#)



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