

Instructions for Use
Saproterin Dihydrochloride Tablets
(sap-roe-TER-in dye-HYE-droe-KLOR-ide)

Read this Instructions for Use before you start taking saproterin dihydrochloride tablets and each time you refill your prescription. There may be new information. This information does not take the place of talking with your healthcare provider about your treatment. Talk to your doctor if you have any questions about the right dose of saproterin dihydrochloride tablets to take or how to mix it.

Important information:

- Saproterin dihydrochloride comes as a tablet.
- Take saproterin dihydrochloride tablets exactly as your doctor tells you. Your doctor should tell you how much saproterin dihydrochloride to take and when to take it.
- Your doctor may change your dose of saproterin dihydrochloride tablets depending on how you respond to treatment.
- Take saproterin dihydrochloride tablets 1 time each day with a meal. It is best to take saproterin dihydrochloride tablets at the same time each day.

Instructions for taking saproterin dihydrochloride tablets:

Saproterin dihydrochloride tablets can be swallowed whole or dissolved in water or apple juice. You may also crush the tablets and mix in a small amount of soft food, such as apple sauce or pudding.

To dissolve saproterin dihydrochloride tablets:

- Mix saproterin dihydrochloride tablets in 4 ounces to 8 ounces (½ cup to 1 cup) of water or apple juice. It may take a few minutes for the tablets to dissolve. To make the tablets dissolve faster, you can stir or crush them.
- The tablets may not dissolve completely. You may see small pieces floating on top of the water or apple juice. This is normal and safe for you to swallow.
- Drink within 15 minutes.
- After drinking your medicine, if you still see small pieces of the tablet, add more water or apple juice and drink to make sure that you take all of your medicine.

How should I store saproterin dihydrochloride tablets?

- Store saproterin dihydrochloride tablets at room temperature between 68°F to 77°F (20°C to 25°C).
- Keep saproterin dihydrochloride tablets in the original bottle with the cap closed tightly.
- Protect from moisture.

Keep Saproterin dihydrochloride tablets and all medicines out of the reach of children.

This Instructions for Use has been approved by the U.S. Food and Drug Administration.



Manufactured for:
Camber Pharmaceuticals, Inc.
Piscataway, NJ 08854

By: Annora Pharma Pvt. Ltd.
Sangareddy - 502313, Telangana, India.

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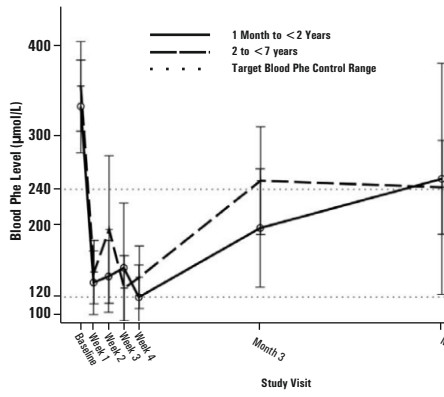
8.4 Pediatric Use

Pediatric patients with PKU, ages 1 month to 16 years, have been treated with saproterin dihydrochloride in clinical trials (see Clinical Studies). The efficacy and safety of saproterin dihydrochloride have not been established in neonates. The safety of saproterin dihydrochloride has been established in children younger than 4 years in trials of 6 months duration and in children 4 years and older in trials of up to 3 years in length (see Adverse Reactions (6.1)).

In children aged 1 month and older, the efficacy of saproterin dihydrochloride has been demonstrated in trials of 6 weeks or less in duration (see Clinical Studies (14)).

In a multicenter, open-label, single arm study, 57 patients aged 1 month to 6 years who were defined as saproterin dihydrochloride responders after 4 weeks of saproterin dihydrochloride treatment and Phe dietary restriction were treated for 6 months with saproterin dihydrochloride at 20 mg/kg per day. The effectiveness of saproterin dihydrochloride alone on reduction of blood Phe levels beyond 4 weeks could not be determined due to concurrent changes in dietary Phe intake during the study. Mean (±SD) blood Phe values over time for patients aged 1 month to < 2 years and 2 to < 7 years are shown in Figure 1.

Figure 1: Mean Blood Phe Level Over Time by Age (Years) (N=57)



8.5 Geriatric Use

Clinical studies of saproterin dihydrochloride in patients with PKU did not include patients aged 65 years and older. It is not known whether these patients respond differently than younger patients.

10 OVERDOSAGE

Two unintentional overdoses with saproterin dihydrochloride have been reported. One adult patient in a saproterin dihydrochloride clinical trial received a single saproterin dihydrochloride dose of 4,500 mg (36 mg/kg) instead of 2,600 mg (20 mg/kg). The patient reported mild headache and mild dizziness immediately after taking the dose, both symptoms resolved within 1 hour with no treatment intervention. There were no associated laboratory test abnormalities. The patient suspended therapy for 24 hours and then restarted saproterin dihydrochloride with no reports of abnormal signs or symptoms. In postmarketing, one pediatric patient received saproterin dihydrochloride doses of 45 mg/kg per day instead of 20 mg/kg per day. The patient reported hyperactivity that began at unspecified time after overdosage and resolved after the saproterin dihydrochloride dose was reduced to 20 mg/kg per day.

In a clinical study to evaluate the effects of saproterin dihydrochloride on cardiac repolarization, a single supra-therapeutic dose of 100 mg/kg (5 times the maximum recommended dose) was administered to 54 healthy adults. No serious adverse reactions were reported during the study. The only adverse reactions reported in more than 1 subject who received the supra-therapeutic dose were upper abdominal pain (6%) and dizziness (4%). A dose-dependent shortening of the QT interval was observed (see Clinical Pharmacology (12.2)).

Patients should be advised to notify their physicians in cases of overdosage.

11 DESCRIPTION

Saproterin dihydrochloride tablets is an orally administered Phenylalanine Hydroxylase activator (or PAH activator). Saproterin dihydrochloride, the active pharmaceutical ingredient in saproterin dihydrochloride tablet, is a synthetic preparation of the dihydrochloride salt of naturally occurring tetrahydrobiopterin (BH4).

Saproterin dihydrochloride is a white to pale yellow color powder.

The chemical name of saproterin dihydrochloride is (8R)-2-amino-6-[1R,2S-1,2-dihydroxypropyl]-5,6,7,8-tetrahydro-4(1H)-pteridine dihydrochloride and the molecular formula is C₁₂H₁₆N₄O₄·2HCl with a molecular weight of 314.17. Saproterin dihydrochloride has the following structural formula:

