

Vemurafenib (Zelboraf)

About This Drug

Vemurafenib is used to treat cancer. It is given orally (by mouth).

Possible Side Effects

- Nausea
- Tiredness
- Pain in the joints
- Rash
- Sensitivity to sunlight/light. You may get a skin rash/reaction while being out in the sun, sun lamps and tanning beds.
- Itching
- Skin growths
- Hair loss. Hair loss is often temporary, although with certain medicine, hair loss can sometimes be permanent. Hair loss may happen suddenly or gradually. If you lose hair, you may lose it from your head, face, armpits, pubic area, chest, and/or legs. You may also notice your hair getting thin.

Note: Each of the side effects above was reported in 30% or greater of patients treated with vemurafenib. Your side effects may be different depending on your specific condition. Not all possible side effects are included above.

Warnings and Precautions

- Blurred vision or other changes to your eyes such as swelling in the eye, and/or sensitivity to light (photosensitivity); photosensitivity means that you may become more sensitive to the sun and/or light. Your eyes may water more, mostly in bright light.
- Abnormal electrocardiogram (EKG/ECG)
- Allergic reactions, including anaphylaxis are rare but may happen in some patients. Signs of allergic reaction to this drug may be swelling of the face, feeling like your tongue or throat are swelling, trouble breathing, rash, itching, fever, chills, feeling dizzy, and/or feeling that your heart is beating in a fast or not normal way. **If this happens, do not take another dose of this drug. You should get urgent medical treatment.**
- Changes in your liver function
- Changes in your kidney function, which can cause kidney failure.

- Severe allergic skin reaction. You may develop blisters on your skin that are filled with fluid or a severe red rash all over your body that may be painful.
- Sensitivity to sunlight/light. You may get a skin rash/reaction if you are in the sun or are exposed to sun lamps and tanning beds.
- Thickening of the tissue in your hands, which may cause one or more fingers to stay permanently bent towards the palm of your hand. You also may develop lumps (nodules) at the bottom of your feet. These may be painful and may make it difficult to walk.
- This drug may raise your risk of getting a second cancer and/or the development of skin lesions that may or may not be cancer.
- If you have received radiation treatments, your skin may become red after vemurafenib, which can be life-threatening. This reaction is called “radiation recall.” Your body is recalling, or remembering, that it had radiation therapy.

Note: Some of the side effects above are very rare. If you have concerns and/or questions, please discuss them with your medical team.

How to Take Your Medication

- Swallow the medicine whole with or without food. Do not chew or crush tablets.
- **Missed dose:** If you miss a dose, take it as soon as you think about it. If it is within 4 hours of your next dose, then skip the missed dose. Do not take 2 doses at the same time, instead, continue with your regular dosing schedule and contact your physician.
- If you vomit a dose, take your next dose at the regular time, and contact your physician. Do not take 2 doses at the same time and do not double up on the next dose.
- **Handling:** Wash your hands after handling your medicine, your caretakers should not handle your medicine with bare hands and should wear latex gloves.
- This drug may be present in the saliva, tears, sweat, urine, stool, vomit, semen, and vaginal secretions. Talk to your doctor and/or your nurse about the necessary precautions to take during this time.
- **Storage:** Store this medicine in the original container at room temperature with the lid tightly closed.
- **Disposal of unused medicine:** Do not flush any expired and/or unused medicine down the toilet or drain unless you are specifically instructed to do so on the medication label. Some facilities have take-back programs and/or other options. If you do not have a take-back program in your area, then please discuss with your nurse or your doctor how to dispose of unused medicine.

Treating Side Effects

- Manage tiredness by pacing your activities for the day.
- Be sure to include periods of rest between energy-draining activities.
- Drink plenty of fluids (a minimum of eight glasses per day is recommended). To help with nausea and vomiting, eat small, frequent meals instead of three large meals a day. Choose foods and drinks that are at room temperature. Ask your nurse or doctor about other helpful tips and medicine that is available to help stop or lessen these symptoms.
- Keeping your pain under control is important to your well-being. Please tell your doctor or nurse if you are experiencing pain.



- Use sunscreen and lip balm with SPF 30 or higher when you are outdoors even for a short time. Cover up when you are out in the sun. Wear wide-brimmed hats, long-sleeved shirts, and pants. Keep your neck, chest, and back covered.
- Wear dark sunglasses when in the sun or bright lights.
- If you get a rash do not put anything on it unless your doctor or nurse says you may. Keep the area around the rash clean and dry. Ask your doctor for medicine if your rash bothers you.
- To help with itching, moisturize your skin several times a day.
- If you received radiation, and your skin becomes red or irritated again, follow the same care instructions you did during radiation treatment. Be sure to tell the nurse or doctor administering your chemotherapy about your skin changes.
- To help with hair loss, wash with a mild shampoo and avoid washing your hair every day. Avoid coloring your hair.
- Avoid rubbing your scalp, pat your hair or scalp dry.
- Limit your use of hair spray, electric curlers, blow dryers, and curling irons.
- If you are interested in getting a wig, talk to your nurse and they can help you get in touch with programs in your local area.

Food and Drug Interactions

- This drug may interact with grapefruit and grapefruit juice. Talk to your doctor as this could make side effects worse.
- Check with your doctor or pharmacist about all other prescription medicines and over-the-counter medicines and dietary supplements (vitamins, minerals, herbs, and others) you are taking before starting this medicine as there are known drug interactions with vemurafenib. Also, check with your doctor or pharmacist before starting any new prescription or over-the-counter medicines, or dietary supplements to make sure that there are no interactions.
- Avoid the use of St. John's Wort while taking vemurafenib as this may lower the levels of the drug in your body, which can make it less effective.

When to Call the Doctor

Call your doctor or nurse if you have any of these symptoms and/or any new or unusual symptoms:

- Fever of 100.4° F (38° C) or higher
- Chills
- Tiredness that interferes with your daily activities
- Blurred vision or other changes in eyesight or to your eyes
- Develop sensitivity to sunlight/light
- Feeling that your heart is beating in a fast or not normal way (palpitations)
- Nausea that stops you from eating or drinking and/or is not relieved by prescribed medicines
- Throwing up more than 3 times a day
- Pain that does not go away, or is not relieved by prescribed medicines
- Signs of possible liver problems: dark urine, pale bowel movements, pain in your abdomen, feeling very tired and weak, unusual itching, or yellowing of the eyes or skin



- Decreased or very dark urine
- Signs of allergic reaction: swelling of the face, feeling like your tongue or throat are swelling, trouble breathing, rash, itching, fever, chills, feeling dizzy, and/or feeling that your heart is beating in a fast or not normal way. **If this happens, call 911 for emergency care.**
- New skin lesions
- New lumps (nodules) on your feet
- Thickening of the tissue in your hand, difficulty moving one or more fingers
- A new rash and/or itching that is not relieved by prescribed medicines
- Flu-like symptoms: fever, headache, muscle, and joint aches, and fatigue (low energy, feeling weak)
- If you think you may be pregnant

Reproduction Warnings

- **Pregnancy warning:** This drug can have harmful effects on the unborn baby. Women of childbearing potential should use effective methods of birth control during your cancer treatment and for 2 weeks after stopping treatment. Let your doctor know right away if you think you may be pregnant.
- **Breastfeeding warning:** Women should not breastfeed during treatment and for 2 weeks after stopping treatment because this drug could enter the breast milk and cause harm to a breastfeeding baby.
- **Fertility warning:** Fertility studies have not been done with this drug. Talk with your doctor or nurse if you plan to have children. Ask for information on sperm or egg banking.

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