



Provincial Health Services Authority

For the Patient: Quizartinib
Other names: VANFLYTA®

- **Quizartinib** (kwiz ar' ti nib) is a drug that is used to treat some types of cancer. It is a tablet that you take by mouth.
- Tell your doctor if you have ever had an unusual or **allergic reaction** to quizartinib before taking quizartinib.
- **Blood tests** may be taken regularly during treatment. The dose and timing of your treatment may be changed based on the test results and/or other side effects.
- It is important to **take** quizartinib exactly as directed by your doctor. Make sure you understand the directions.
- You may **take** quizartinib with food or on an empty stomach. Try to take it about the same time each day.
- If you **miss a dose** of quizartinib, take it as soon as you can if it is within 12 hours of the missed dose. If it is more than 12 hours since your missed dose, skip the missed dose and go back to your usual dosing times.
- If you **vomit** the dose of quizartinib, do not take a second dose. Skip the missed dose and go back to your usual dosing times. Let your doctor know as a medication to prevent nausea may be required for future doses.
- Other drugs such as ketoconazole (NIZORAL®) and rifampin (RIFADIN®) may **interact** with quizartinib. Tell your doctor if you are taking these or any other drugs as you may need extra blood tests or your dose may need to be changed. Check with your doctor or pharmacist before you start or stop taking any other drugs.
- The **drinking of alcohol** (in small amounts) does not appear to affect the safety or usefulness of quizartinib.
- Quizartinib may affect **fertility** in men and women. If you plan to have children, discuss this with your doctor before being treated with quizartinib.
- Quizartinib may harm the baby if used during pregnancy. It is best to use **birth control** while being treated with quizartinib. Ask your doctor how long you should continue using birth control after your treatment has ended. Tell your doctor right away if you or your partner becomes pregnant. Do not breastfeed during treatment and for at least five weeks after your treatment has ended.

- **Store** quizartinib tablets out of the reach of children, at room temperature, away from heat, light, and moisture.
- **Tell** your doctor, dentist, and other health professionals that you are being treated with quizartinib before you receive any treatment from them.

Changes in blood counts

Quizartinib may cause temporary changes in your blood counts. Your doctor will be following these changes carefully by ordering regular blood tests. Adjustment of your treatment may be needed in certain circumstances.

BLOOD COUNTS	MANAGEMENT
<p>Normal white blood cells protect your body by fighting bacteria (germs) that cause infection. When they are low, you are at greater risk of having an infection.</p>	<p>To help prevent infection:</p> <ul style="list-style-type: none"> • Wash your hands often and always after using the bathroom. • Avoid crowds and people who are sick. • Call your healthcare team immediately at the first sign of an infection such as fever (over 38°C or 100°F by an oral thermometer), chills, cough, or burning when you pass urine.
<p>Normal platelets help your blood to clot normally after an injury (e.g., cut). When the platelet count is low, you may be more likely to bruise or bleed.</p>	<p>To help prevent bleeding problems:</p> <ul style="list-style-type: none"> • Try not to bruise, cut, or burn yourself. • Clean your nose by blowing gently. Do not pick your nose. • Avoid constipation. • Brush your teeth gently with a soft toothbrush as your gums may bleed more easily. <p>Some medications such as ASA (e.g., ASPIRIN®) or ibuprofen (e.g., ADVIL®) may increase your risk of bleeding.</p> <ul style="list-style-type: none"> • Do not stop taking any medication that has been prescribed by your doctor (e.g., ASA for your heart). • For minor pain, try acetaminophen (e.g., TYLENOL®).

Side effects are listed in the following table in the order in which they may occur. Tips to help manage the side effects are included.

SIDE EFFECTS	MANAGEMENT
<p>Nausea and vomiting may occur while you are taking quizartinib. If you are vomiting and it is not controlled, you can quickly become dehydrated. Most people have little or no nausea.</p>	<p>You may be given a prescription for antinausea drug(s) to take at home. It is easier to prevent nausea than treat it once it has occurred, so follow directions closely.</p> <ul style="list-style-type: none"> • Drink plenty of fluids. • Eat and drink often in small amounts. • Try the ideas in <i>Practical Tips to Manage Nausea</i>.* <p>Tell your healthcare team if nausea or vomiting continues or is not controlled with your antinausea drug(s).</p>
<p>Skin rashes may sometimes occur.</p>	<p>If itching is very irritating, call your healthcare team. Otherwise, be sure to mention it at your next visit.</p>
<p>Minor bleeding, such as nosebleeds, may sometimes occur.</p>	<ul style="list-style-type: none"> • Sit up straight and tip your head slightly forward. Tilting your head back may cause blood to run down your throat. • Pinch your nostrils shut between your thumb and forefinger or apply firm pressure against the bleeding nostril for 10 full minutes. • After 10 minutes, check to see if your nose is still bleeding. If it is, hold it for 10 more minutes. • Stay quiet for a few hours and do not blow your nose for at least 12 hours after the bleeding has stopped. <p>Get emergency help if a nosebleed lasts longer than 20 minutes.</p>
<p>Diarrhea may sometimes occur. If you have diarrhea and it is not controlled, you can quickly become dehydrated.</p>	<p>If diarrhea is a problem:</p> <ul style="list-style-type: none"> • Drink plenty of fluids. • Eat and drink often in small amounts. • Avoid high fibre foods as outlined in <i>Food Choices to Help Manage Diarrhea</i>.* <p>Tell your healthcare team if you have diarrhea for more than 24 hours.</p>

SIDE EFFECTS	MANAGEMENT
Constipation may sometimes occur.	<ul style="list-style-type: none"> • Exercise if you can. • Drink plenty of fluids. • Try the ideas in <i>Food Choices to Manage Constipation.*</i>
Sore mouth may sometimes occur a few days after treatment. Mouth sores can occur on the tongue, the sides of the mouth, or in the throat. Mouth sores or bleeding gums can lead to an infection.	<ul style="list-style-type: none"> • Brush your teeth gently after eating and at bedtime with a very soft toothbrush. If your gums bleed, use gauze instead of a brush. Use baking soda instead of toothpaste. • Make a mouthwash with $\frac{1}{4}$ teaspoon baking soda AND $\frac{1}{4}$ teaspoon salt in 1 cup warm water and rinse several times a day. • Try the ideas in <i>Food Ideas to Try with a Sore Mouth.*</i>
Abnormal heart rhythm (QT prolongation) sometimes occurs.	<p>Minimize your risk of abnormal heart rhythm by:</p> <ul style="list-style-type: none"> • always checking with your pharmacist or doctor about drug interactions when starting a new medication, herbal product, or supplement. <p>Get emergency help immediately if your heart is beating irregularly or fast OR if you feel faint, lightheaded, or dizzy.</p>
Headache may sometimes occur.	Take acetaminophen (e.g., TYLENOL®) every 4-6 hours if needed, to a maximum of 4 g (4000 mg) per day.
Muscle or joint pain may sometimes occur.	You may take acetaminophen (e.g., TYLENOL®) every 4-6 hours to a maximum of 4 g (4000 mg) per day for mild to moderate pain. Tell your healthcare team if the pain interferes with your activity.
Swelling of hands, feet, or lower legs may sometimes occur if your body retains extra fluid.	If swelling is a problem: <ul style="list-style-type: none"> • Elevate your feet when sitting. • Avoid tight clothing.
Taste alteration may sometimes occur.	Try the ideas in <i>Food Ideas to Cope with Taste and Smell Changes.*</i>
Loss of appetite and weight loss may sometimes occur.	Try the ideas in <i>Food Ideas to Help with Decreased Appetite.*</i>

SIDE EFFECTS	MANAGEMENT
Tiredness and lack of energy may sometimes occur.	<ul style="list-style-type: none"> Do not drive a car or operate machinery if you are feeling tired. <p>Try the ideas in <i>Fatigue/Tiredness – Patient Handout.*</i></p>
Hair loss does not occur with quizartinib.	

*Please ask your nurse or pharmacist for a copy.

STOP TAKING QUIZARTINIB AND SEE YOUR HEALTHCARE TEAM OR GET EMERGENCY HELP IMMEDIATELY IF YOU HAVE:

- Signs of an **infection** such as fever (over 38°C or 100°F by an oral thermometer), shaking chills; severe sore throat, productive cough (coughing up thick or green sputum); cloudy or foul smelling urine; painful, tender, or swollen red skin wounds or sores.
- Signs of **heart problems** such as fast or uneven heartbeat, shortness of breath or difficulty in breathing, cough, chest pain, chest pressure, or fainting.
- Signs of **bleeding problems** such as black, tarry stools; blood in urine; pinpoint red spots on skin; extensive bruising.
- Signs of a **stroke** such as sudden onset of severe headache, eyesight changes, slurred speech, loss of coordination, weakness or numbness in arm or leg.

CHECK WITH YOUR HEALTHCARE TEAM AS SOON AS POSSIBLE (DURING OFFICE HOURS) IF YOU HAVE:

- Signs of **anemia** such as unusual tiredness or weakness.

CHECK WITH YOUR HEALTHCARE TEAM IF ANY OF THE FOLLOWING CONTINUE OR BOTHER YOU:

- Abdominal pain.
- Dizziness.
- Easy bruising or minor bleeding.
- Headache not controlled with acetaminophen (e.g., TYLENOL®).

REPORT ADDITIONAL PROBLEMS TO YOUR HEALTHCARE TEAM
