

Lutetium Lu 177 vipivotide tetraxetan (Pluvicto)

About This Drug

Lutetium Lu 177 vipivotide tetraxetan is a radiopharmaceutical used to treat cancer. A radiopharmaceutical is a radioactive drug that is given in the vein (IV).

Possible Side Effects

- Bone marrow suppression. This is a decrease in the number of white blood cells, red blood cells, and platelets. This may raise your risk of infection, make you tired and weak, and raise your risk of bleeding.
- Tiredness
- Dry mouth
- Nausea
- Decreased appetite (decreased hunger)
- Constipation (not able to move bowels)
- Electrolyte changes

Note: Each of the side effects above was reported in 20% or greater of patients treated with lutetium Lu 177 vipivotide tetraxetan. All possible side effects are not included. Your side effects may be different depending on your cancer diagnosis, condition, or if you are receiving other drugs in combination. Please discuss any concerns or questions with your medical team.

Warnings and Precautions

- This drug increases your exposure to radiation. Over time, long-term radiation exposure can increase your risk of getting a second cancer.
- Severe bone marrow suppression, which can be life-threatening.
- Severe changes in your kidney function which can cause kidney failure

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

Important Information



- Drink plenty of fluids after your treatment and try to urinate as often as possible to flush your bladder.
- This drug may be present in the saliva, tears, sweat, urine, stool, vomit, semen, and vaginal secretions for several days after treatment. It is important that you follow good hygiene practices during treatment to minimize radiation exposure from your bodily fluids to others. Talk to your doctor and/or your nurse about the necessary precautions to take during this time.
- You should limit close contact (less than 3 feet) with members of your household for 2 days, or with children and pregnant women for 7 days after receiving treatment.
- You should sleep in a separate bedroom from members of your household for 3 days, from children for 7 days, or from pregnant women for 15 days after receiving treatment.

Treating Side Effects

- Manage tiredness by pacing your activities for the day.
- Be sure to include periods of rest between energy-draining activities.
- To decrease the risk of infection, wash your hands regularly.
- Avoid close contact with people who have a cold, the flu, or other infections.
- Take your temperature as your doctor or nurse tells you, and whenever you feel like you may have a fever.
- To help decrease the risk of bleeding, use a soft toothbrush. Check with your nurse before using dental floss.
- Be very careful when using knives or tools.
- Use an electric shaver instead of a razor.
- Drink plenty of fluids (a minimum of eight glasses per day is recommended).
- If you throw up, you should drink more fluids so that you do not become dehydrated (lack of water in the body from losing too much fluid).
- To help with dry mouth, sugar-free hard candies and chewing gum can keep your mouth moist.
- 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.
- To help with decreased appetite, eat foods high in calories and protein, such as meat, poultry, fish, dry beans, tofu, eggs, nuts, milk, yogurt, cheese, ice cream, pudding, and nutritional supplements.
- Consider using sauces and spices to increase taste. Daily exercise, with your doctor's approval, may increase your appetite.
- If you are not able to move your bowels, check with your doctor or nurse before you use enemas, laxatives, or suppositories.
- Ask your doctor or nurse about medicines that are available to help stop or lessen constipation.

Food and Drug Interactions

- There are no known interactions of lutetium Lu 177 vipivotide tetraxetan with food.
- This drug may interact with other medicines. Tell your doctor and pharmacist about all the prescription and over-the-counter medicines and dietary supplements (vitamins, minerals, herbs, and others) that you are taking at this time. 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.

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
- Feeling dizzy or lightheaded
- Easy bleeding or bruising
- Difficulty eating/swallowing
- Sore mouth/throat
- Nausea that stops you from eating or drinking and/or is not relieved by prescribed medicines
- Throwing up more than 3 times a day
- No bowel movement in 3 days or when you feel uncomfortable
- Lasting loss of appetite or rapid weight loss of five pounds in a week
- Decreased or very dark urine
- If you think you may have impregnated your partner

Reproduction Warnings

- **Pregnancy warning:** This drug can have harmful effects on the unborn baby. Lutetium Lu 177 vipivotide tetraxetan is not indicated for use in women. Men should refrain from sexual activity for 7 days after receiving treatment. Men with female partners of childbearing potential should use effective methods of birth control during your cancer treatment and for 14 weeks after stopping treatment. Let your doctor know right away if you think you may have impregnated your partner.
- **Breastfeeding warning:** It is not known if this drug passes into breast milk. Lutetium Lu 177 vipivotide tetraxetan is not indicated for use in women.
- **Fertility warning:** In men, this drug may affect your ability to have children in the future. Talk with your doctor or nurse if you plan to have children. Ask for information on sperm banking.

Revised July 2023

