



## Thioguanine (Tabloid®, or 6-Thioguanine)

("THIGH-oh-GWAHN-eeen")

**How drug is given:** by mouth

**Purpose:** to stop the growth of cancer cells in leukemia and other cancers

### How to take the drug by mouth

1. Take with or without food.
2. If you miss a dose, take it as soon as possible. However, if it is almost time for your next dose, skip the missed dose and go back to your regular dosing schedule. Do not double dose.
3. Swallow each tablet whole. Do not crush or chew. If you have trouble swallowing the tablet, the pharmacist will give you specific instructions.

### Storage and disposal

- Store this medicine at room temperature, away from heat and moisture.
- Keep this medicine in its original container, out of reach of children and pets.
- If you have unused oral chemotherapy pills (tablets or capsules), return them to the pharmacy where the prescription was filled. Do not flush them down the toilet, dump in the sink, or throw away in the trash.

### Things that may occur during treatment

1. Some patients may have mild nausea. You may be given medicine to help with this.
2. Skin changes, such as dryness or a rash on your body, may occur. Ask your cancer care team what lotions or creams you may use.
3. Your blood cell counts may drop. This is known as bone marrow suppression. This includes a decrease in your:
  - Red blood cells, which carry oxygen in your body to help give you energy
  - White blood cells, which fight infection in your body
  - Platelets, which help clot the blood to stop bleeding

If you have a **fever of 100.5°F (39°C) or higher**, chills, a cough, or any bleeding problems, **tell your cancer care team right away.**

4. You may get mouth sores 7 to 10 days after this drug is started. Be sure to keep your mouth clean. Use only a soft-bristle toothbrush for brushing your teeth. You may have a burning feeling and redness inside the mouth or on the lips. Use a **baking soda mouth rinse** 4 or 5 times a day.

**Mouth Rinse Recipe:**

Mix: 1 tsp **salt or baking soda** with 8 oz. glass of **water**

Other mouth rinses may be ordered by your doctor. Do not use mouthwashes that have alcohol in them, because they will dry out the mouth. If you cannot eat or swallow because of this, tell your cancer care team. Check with your cancer care team before having any dental work done.

5. Your liver may be affected by this drug. In such cases, your skin might turn yellow and a yellow coloring may be seen in the whites of your eyes. You may have pain in your right side. You may feel more tired.
6. Fertility:
- It is very important to use birth control if you are having sex, because this drug could harm an unborn baby.
  - Men can become sterile and may want to think about sperm banking prior to chemotherapy.
  - For women, your period (menstrual cycle) may not be regular for a while or may stop completely and you may not be able to get pregnant.
  - If you are concerned about any of this, please talk with your cancer care team.

*This document includes some but not necessarily all of the possible side effects of this medication. The side effects listed in this teaching sheet may not be the same ones you experience. Your side effects may be different depending on how often you receive treatment (your schedule) and how much you receive each time (your dosage). Side effects may also vary if you are taking other medications. Please speak with your doctor or nurse if you have questions about possible side effects you may experience. This document should not take the place of conversations with members of your health care team.*

Managing your oral chemotherapy schedule at home can be challenging. To help you with this, consider using tools to help you keep track of your schedule and any side effects you may have. You can find these tools online at [www.dana-farber.org/OralChemoDiary](http://www.dana-farber.org/OralChemoDiary).

THIS SPACE RESERVED FOR WRITTEN COMMENTS OR NOTES FOR THE PATIENT AND FAMILY:



## Oral Chemotherapy Fact Sheet

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Oral chemotherapy medicines are given by mouth in the form of capsules, tablets, or liquid. These safety tips will help you understand what to do when you are taking oral chemotherapy.

**Please note:** If you are on a clinical trial, you may be given special instructions.

### How to take this drug

- Swallow each tablet or capsule whole. Do not break, crush, or chew.
- Prepare your drug away from food and food prep areas.
- If you miss a dose, take it as soon as possible. However, if it is almost time for your next dose, skip the missed dose and go back to your regular dosing schedule.
- Do not double the dose.
- If you are on a clinical trial, you will be given special instructions if you miss a dose.
- If you are unable to swallow the pill, speak with your nurse or pharmacist about other ways to take your medication.
- If you vomit or throw up your medication, call your physician for further instructions.
- Wash your hands after taking the medication. Avoid handling crushed or broken pills (tablets or capsules).

### Storage

- Most oral chemotherapy medicine is stored at room temperature, away from excess heat and moisture. You will be told if the medication you are taking needs special storage or handling.
- Keep this medicine in its original container, in a safe place, away from other family medications. All medications need to be kept out of the reach of children and pets.

## Disposal

- If you have unused oral chemotherapy pills (tablets or capsules), please return them to the pharmacy where the prescription was filled. Do not flush down the toilet, dump in the sink, or throw away in the trash.

## Safe handling of body waste in the home after chemotherapy

- Chemotherapy stays in the body for hours or even days, and is found in vomit, urine, stool, and sweat (body wastes). Special care must be taken to prevent the patient's body waste from coming into accidental contact with the patient or caregiver.

## Body wastes

### Patient and caregiver:

- You can use the toilet (septic tank or city sewage) as usual. There is no research to support double flushing to prevent accidental contact (although this may be suggested for certain medications). Ask your doctor or nurse what they suggest for your medication.
- Wash your hands well with soap and water after using the toilet. If urine, vomit, or stool gets on your body, wash with soap and water. Always wear gloves when cleaning equipment or disposing waste from a urinal or commode.
- Pregnant caregivers should **not** handle patient body waste.
- It is safe for family and friends to use the same toilet, as long as all body waste is cleaned from the toilet.
- To absorb urine or stool, use a disposable, plastic-backed pad, diaper, or sheet. Change it immediately when soiled. Then wash skin with soap and water.
- If you have an ostomy, you or your caregiver may want to wear gloves when emptying or changing appliances.

## Laundry

- Always wear disposable gloves when handling sheets or clothes that have been soiled with body waste.
- Soiled items should be kept and washed separately from the other laundry.

Oral chemotherapy is a serious drug that requires extra caution. If you have questions or concerns about your oral chemotherapy, do not hesitate to call your clinician. For more tips, tools and short videos to help you manage oral chemotherapy visit our web page at <http://www.dana-farber.org/oralchemo>

*The materials included on this page are for informational purposes only. The content is not intended as a substitute for professional medical advice, diagnosis, or treatment. Always seek the advice of your physician or other qualified health provider with any questions you may have regarding a medical condition.*



Developed by Dana-Farber Cancer Institute  
Last Revised 3/2015  
Patient Education Committee