

GHK-CU 50 MG / 3 ML SOLUTION FOR INJECTION IN PRE-FILLED PEN

PATIENT INFORMATION LEAFLET

Read all of this leaflet carefully before you start using this medicine because it contains important information for you.

- Keep this leaflet. You may need to read it again (or access it online via the hosted link provided by your supplier or healthcare provider).
- If you have any further questions, ask your doctor, pharmacist, or healthcare provider.
- This medicine has been supplied for you only. Do not pass it on to others. It may harm them, even if their signs of illness are the same as yours.
- If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. Report side effects online if applicable in your region.

1. What GHK-Cu is and what it is used for

GHK-Cu is a research copper peptide supplied on its own in this pen:

- **GHK-Cu (Copper Tripeptide-1) 50 mg** – studied for collagen production, skin tightening, wound healing, and anti-ageing.

Total: **50 mg** per pen (GHK-Cu only).

This pre-filled injector pen contains 50 mg of GHK-Cu dissolved in 3 ml of solution (concentration: **~16.67 mg/ml**). It is supplied for research, investigational, or off-label use under strict medical supervision only. This peptide is not approved for general commercial or routine use. Use only as directed by a qualified healthcare professional.

2. What you need to know before you use GHK-Cu

Do not use GHK-Cu if:

- You are allergic to GHK-Cu or any of the other ingredients, including benzyl alcohol.
- You are sensitive to benzyl alcohol.
- You have a history of copper-related disorders (e.g., Wilson's disease).
- You are pregnant, planning pregnancy, or breastfeeding.
- You are under 18 years of age.

Warnings and precautions

Talk to your doctor before using GHK-Cu if you have:

- Kidney or liver problems.
- A sensitivity or allergy to benzyl alcohol (this medicine contains 0.9% benzyl alcohol).

Other medicines and GHK-Cu

Tell your doctor if you are taking other medications, especially other peptides.

Pregnancy and breast-feeding

Do not use if pregnant or breast-feeding. Use effective contraception during treatment and for a period after stopping (consult your doctor).

Driving and using machines

GHK-Cu is unlikely to affect your ability to drive or use machines, but be cautious until you know how it affects you.



3. How to use GHK-Cu

Always use this medicine exactly as your doctor or healthcare provider has told you. Check with them if unsure.

This is a **pre-filled injector pen** containing 50 mg GHK-Cu in 3 ml solution (~16.67 mg/ml). Administer as a subcutaneous injection. How often to inject: once daily.

The pen uses a dial/click mechanism. **Each click delivers 0.01 ml** (standard calibration for most similar pens).

- Total clicks in pen: **300 clicks** (full 3 ml).
- 1 click = **~0.167 mg GHK-Cu**.

Recommended dosing (consult your provider):

- Typical research range, once daily by subcutaneous injection:
- Low / starting: 6 clicks (0.06 ml) = ~1.0 mg GHK-Cu.
- Standard: 10 clicks (0.10 ml) = ~1.67 mg. At 10 clicks daily a pen lasts about 30 days.
- Maximum daily: 12 clicks (0.12 ml) = ~2.0 mg.
- Click-to-mg figures are approximate.
- Cycling: commonly used in cycles, e.g. 8 weeks on, followed by a break of 8 weeks off.
- No established human dose exists for injected GHK-Cu; these figures reflect commonly reported research ranges and must only be used under medical supervision. Do not exceed the dose prescribed by your healthcare provider.
- See the click reference on page 2 to convert clicks to mg.

How to inject

- Wash your hands thoroughly with soap and water.
- Clean the injection site (abdomen, thigh, or upper arm) with an alcohol swab and let it dry.
- Gently swirl or tilt the pen if needed. Do not shake.
- Prime the pen if this is the first use (follow pen instructions).
- Dial/click to your prescribed dose.
- Pinch a fold of skin at the cleaned injection site.
- Insert the needle at a 45° to 90° angle (90° is usually best).
- Slowly press the pen's injection button to deliver the dose.
- Hold the needle in place for 5–10 seconds after injecting.
- Withdraw the needle at the same angle.
- Gently press the injection site with a clean cotton ball or alcohol swab if needed. Do not rub.
- Dispose of the used pen or needle safely in a sharps container.
- Rotate injection sites with each use to avoid irritation or lumps.

4. Possible side effects

Most users tolerate GHK-Cu well, but possible side effects include:

- Injection site reactions (redness, itching, swelling, or mild bruising).
- Mild fatigue, headache, or nausea (especially when starting).
- Temporary skin sensations or flushing (due to GHK-Cu).

Serious (seek immediate medical help): Allergic reactions (rash, swelling, difficulty breathing), severe abdominal pain, or unusual symptoms.

Report any side effects to your doctor.

5. How to store GHK-Cu

- Store in a refrigerator at 2–8 °C. Do not freeze.
- Keep out of sight and reach of children.
- Do not use after the expiry date or if the solution appears cloudy, discoloured, or contains particles.
- Dispose of used pens safely (follow local regulations for sharps disposal).

6. Contents of the pack and other information

What GHK-Cu contains:

Active substance: GHK-Cu (copper tripeptide-1) 50 mg in 3 ml solution (~16.67 mg/ml).

Other ingredients: benzyl alcohol 0.9%.

Pack:

Pre-filled injector pen (multi-dose design, 300 clicks total).

Supplier / hosting note: This leaflet is hosted online for easy access and updates. Always refer to the latest version at the provided link.

This is not a marketed product; supplied for investigational/research use.

This leaflet was last revised in October 2026.

Click reference (this pen only, approximate)

Calculated from 16.67 mg/ml and 0.01 ml per click. All values are approximate and convert clicks to mg only; it is not a dose recommendation.

1 click (0.01 ml) = 0.167 mg
5 clicks (0.05 ml) = 0.83 mg
10 clicks (0.10 ml) = 1.67 mg
12 clicks (0.12 ml) = 2.00 mg
15 clicks (0.15 ml) = 2.50 mg
20 clicks (0.20 ml) = 3.33 mg
30 clicks (0.30 ml) = 5.00 mg
Full pen: 300 clicks (3 ml) = 50 mg

IMPORTANT NOTE

GHK-Cu is for research/investigational use only and is not approved for routine human use. This leaflet is informational and not a substitute for professional medical advice. Always consult a healthcare provider before starting, continuing, or adjusting treatment. Regular monitoring is essential. Stay hydrated, follow a balanced diet, and incorporate healthy lifestyle practices.

If symptoms persist, worsen, or you experience severe side effects, contact your doctor or seek emergency care immediately.