

RESEARCH GUIDE

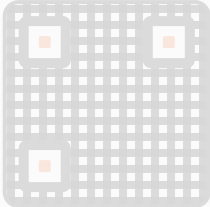
Copper Peptide / GHK-Cu

Glycyl-L-histidyl-L-lysine copper complex

OVERVIEW

GHK-Cu is a naturally occurring copper-binding tripeptide complex (glycyl-L-histidyl-L-lysine with copper(II)). It is supplied as a reference compound for laboratory research.

BATCH VERIFICATION



HW260408-1
<https://mypepbiotech.co.uk/quality-assurance/?batch=HW260408-1>

CHEMICAL INFORMATION

Product name	Copper Peptide / GHK-Cu
Classification	Copper tripeptide complex
CAS number	49557-75-7
Molecular formula	C14H24N6O4 · Cu
Molecular weight	340.5
Appearance	Blue powder
Solubility	Soluble in water

LABORATORY RESEARCH CONTEXT

This material is supplied strictly as a reference compound for laboratory research. It is intended for use by qualified personnel in an appropriately equipped research environment for in vitro and other non-clinical investigations. Nothing in this guide describes or implies any medical, therapeutic, diagnostic or performance use, and no such use is intended or supported.

RECONSTITUTION (LABORATORY USE)

GHK-Cu is water-soluble. For laboratory use the powder may be dissolved in sterile or distilled water. Add solvent slowly down the vial wall, allow the material to dissolve without agitation, and swirl gently rather than shaking.

STORAGE GUIDANCE

Store the sealed vial in a cool, dry place away from strong light and heat. For long-term storage, -20°C is recommended. Once reconstituted, keep solutions refrigerated (2–8°C) and use within your laboratory's validated timeframe.

HANDLING GUIDANCE

Wear appropriate personal protective equipment (gloves, laboratory coat, eye protection). Avoid inhalation, ingestion and contact with skin and eyes. Handle in a clean, well-ventilated laboratory area, keep away from food and drink, and wash hands thoroughly after handling.

Batch traceability. Every vial is supplied with a unique batch number. Retain your batch number and confirm the matching branded Certificate of Analysis at

Research Use Only. This product is intended solely for laboratory research purposes. It is not a medicine or supplement and is not intended for diagnostic, therapeutic, or any human or veterinary use.