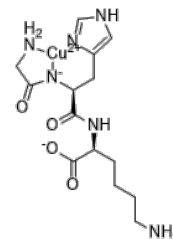

Product Name	: GHK-Cu
Cat. No.	: PC-23272
CAS No.	: 89030-95-5
Molecular Formula	: C ₁₄ H ₂₂ CuN ₆ O ₄
Molecular Weight	: 401.91
Target	: Matrix Metalloproteinase (MMP)
Solubility	: 10 mM in DMSO



Biological Activity

GHK-Cu (glycyl-L-histidyl-L-lysine Cu²⁺ tripeptide) is a growth factor for differentiated cells and a potential activator of wound repair, increases extracellular matrix accumulation, increases MMP-2 levels in conditioned media of cultured fibroblasts.]

GHK-Cu increased the secretion of the tissue inhibitors of metalloproteinases, TIMP-1 and TIMP-2.

GHK-Cu induces angiogenesis, remodeling, and tissue repair, has anti-inflammatory and antioxidant properties.

References

Siméon A, et al. Life Sci. 2000 Sep 22;67(18):2257-65.

Maquart FX, et al. J Clin Invest. 1993 Nov;92(5):2368-76.

Tucker M, et al. bioRxiv [Preprint]. 2023 Nov 21:2023.11.20.567908.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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