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UltraHeal-Pro

UltraHeal-Pro promotes collagen and proteoglycan synthesis, reduces inflammation and rapidly repairs damaged tissues. When an injury occurs in human tissues, GHK obtains Cu^{2+} from albumin to produce copper tripeptide-1

 READLINE

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INCI Name

Copper Tripeptide-1

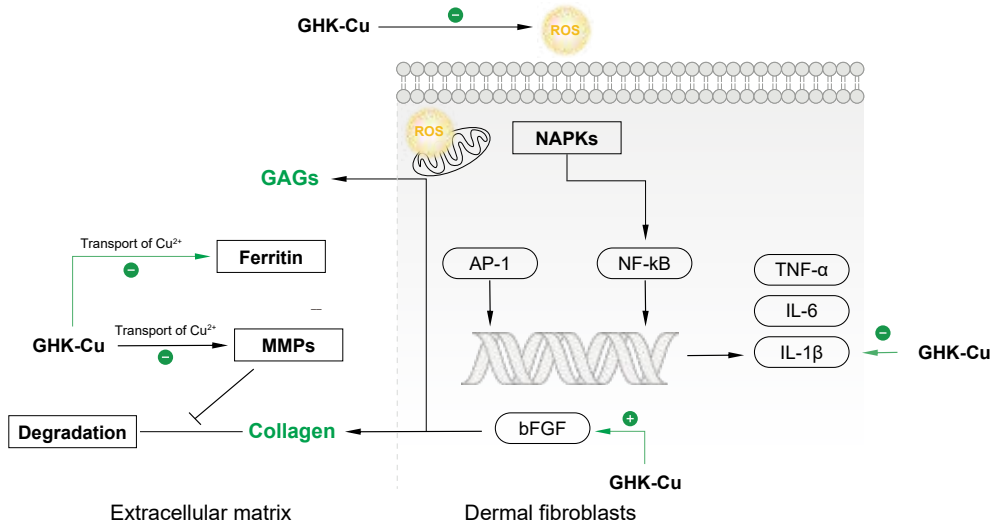
CAS

89030-95-5

Molecular Formula

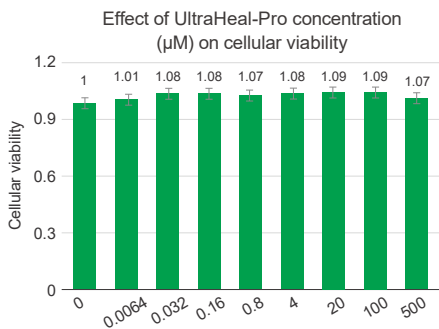
$\text{C}_{14}\text{H}_{22}\text{CuN}_6\text{O}_4$

Mechanism

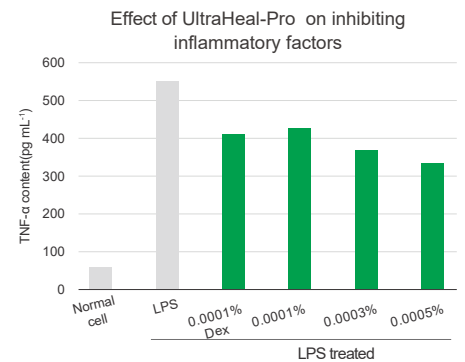
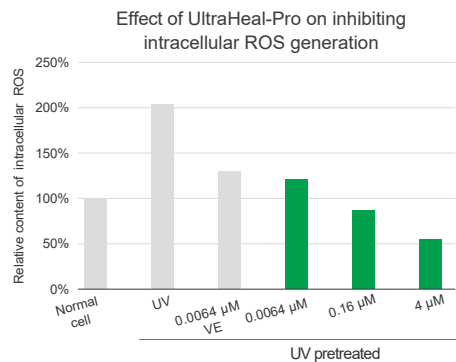


Copper tripeptide-1 promotes the expression of growth factors such as bFGF, stimulates the synthesis of collagen and glycosaminoglycans (GAGs), transports Cu^{2+} and regulates related proteins (MMPs, ferritin, etc.), reduces inflammation and rapidly repairs tissue damage.

Safety Test



Efficacy



Formulation Guidelines

- **Recommended Level of Use:** 0.1-1.0 wt%
- The copper ion in UltraHeal-Pro is prone to form complexes with ingredients having chelating ability and such ingredients should be avoided in formulation
- Anti-oxidants should be avoided in the formulation
- UltraHeal-Pro is highly soluble in water and remains stable at pH 5–7.5
- UltraHeal-Pro should be added at the final stage of formation and processed below 45 °C

ABOUT US

READLINE is a bio-tech company focusing on developing and manufacturing active ingredients for cosmetics, nutritional supplements and pharmaceuticals in a green and sustainable manner. We are driven by a shared value to enable customer success with high quality green active ingredients, from making to using, from health to beauty.

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