

AHK-CU

CAT# MBCP10020

PROFESSIONAL MANUFACTURER FOR PEPTIDE

Product information

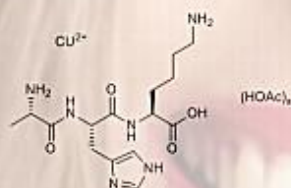
Product Name: Copper Tripeptide-3(AHK-Cu)

Molecular Formula: $C_{15}H_{24}CuN_6O_4 \cdot xC_2H_4O_2$

Molecular weight: 415.93.x60.05

Sequence: Ala-His-Lys.Cu.xHAc

Chemical Structure



Specification: >98.0%

Appearance: Blue powder

Quality: Refer to CoA,hplc,ms,Tds,Msds etc

Packing:

Powder: 1g,2g,5g,10g,100g in PP Bottle

Solution/Serum:

100ML,1.0L in Sealed aluminum bottle

dermal papilla cells. Oxidative stress is responsible for triggering increased DHT production in scalp follicles, but the copper complex inhibits this stress by enhancing the production of SOD (Superoxide dismutase), which neutralizes potent free radicals like superoxide.

Applications

AHK-Cu promotes hair growth and is commonly used for both scalp and hair care.



Descriptions

AHK-Cu is a peptide with a copper ion linked to it. It is found in the blood of most mammals and is particularly important in regulating the growth, development, and death of vascular endothelial cells, the cells that line the inside of blood vessels.

Mechanisms of Action:

AHK-Cu increases the number of fibroblasts and boosts the production of vascular endothelial growth factor (VEGF), which facilitates the formation of new blood vessels. It also reduces the secretion of transforming growth factor-beta1 in fibroblasts, an important step in countering the negative effects of DHT. This leads to reduced oxidative stress and stimulates hair growth by

Technical Data

INCI Name: Alanine/Histidine/Lysine Polypeptide Copper Hcl

Reference: **Tricomin**

Solubility: Water soluble

Shelf Life: 24 months

For external use only.

Recommended Concentration Dosage

0.05%-0.20%

Recipe reminder

Water-soluble, pH 5-7, the final stage of the formula <45 °C low temperature addition; good compatibility; stable without discoloration.

Storage

Common storage 2-8°C, long time storage -20°C.



Mobel Biomaterials Technology Co., Limited

Add: 25 No. Bio-Chemicals Technical Zoon, Yuhang District, Hangzhou City, Zhejiang P.R China 310000

Tel: +86-571-85099223

Fax: +86-571-85099222

Email: sales@mobelbiochem.com



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Ingredient: ALANINE/HISTIDINE/LYSINE POLYPEPTIDE COPPER HCL

PDF

INCI Name	ALANINE/HISTIDINE/LYSINE POLYPEPTIDE COPPER HCL
Description	Polymer derived from alanine, histidine and lysine, copper derivative, hydrochloride
CAS #	
EC #	
Identified INGREDIENTS or substances e.g.	
Cosmetics Regulation provisions	
Functions	• SKIN CONDITIONING
SCCS opinions	

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