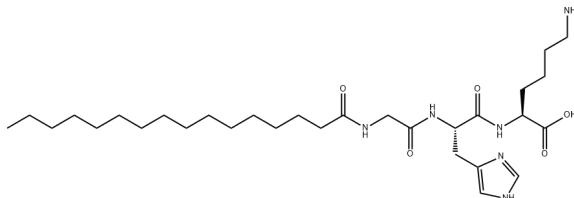


Technical Data Sheet

Product Name: Palmitoyl Tripeptide-1 (95% Powder)

INCI Name: Palmitoyl Tripeptide-1

Structure:



Product Properties:

Molecular Formula: C₃₀H₅₄N₆O₅

Molecular Weight : 578.79

CAS Number : 147732-56-7

EINECS : /

Specification:

Items	Specifications
Appearance	White Powder
Water Content (Karl Fischer)	≤8.0%
Peptide Purity (By HPLC)	≥95.0%
Amino Acid Composition	±10% theoretical
Acetic Acid	≤ 15.0%
Lead	≤ 10 mg/kg
Arsenic	≤ 2mg/kg

Palmitoyl Tripeptide-1 is an efficient anti-aging peptide that stimulates collagen production and reduces fine lines and wrinkles. It is widely used in premium anti-aging skincare products.

Function:

- ❖ Collagen Promotion: Activates fibroblasts in the skin to increase collagen and elastin synthesis, reducing fine lines and wrinkles;
- ❖ Anti-Wrinkle: Reduces the depth and number of existing wrinkles for firmer and more radiant skin;
- ❖ Repair: Promotes skin repair and improves damaged skin barrier function;
- ❖ Moisturizing: Enhances skin hydration and softness by locking in moisture.

Application:

- ❖ Anti-Aging Serums: Used as a key ingredient to reduce wrinkles, recommended concentration of 0.1%-1%;
- ❖ Creams and Lotions: Added to daily moisturizing products to boost anti-aging benefits, suitable for morning and evening use;
- ❖ Eye Care: Incorporated into eye creams to reduce under-eye fine lines and puffiness, enhancing elasticity in the eye area;
- ❖ Repair Masks: Used in repair-focused masks to improve damaged skin and enhance skin barrier function.

Recommended use level: 0.001%-0.01% (Water-insoluble, organic-soluble)

Package:

1g/bottle; Or as per customer requirements.

Storage:

Store at a temperature of 2-8°C, keep sealed and away from light.

Shelf life:

Two years.

Disclaimer:

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