

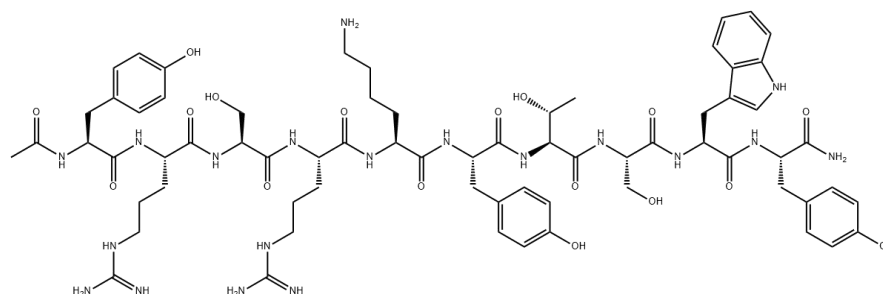
Technical Data Sheet

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Product Name: Acetyl Decapeptide-3 (95% Powder)

INCI Name: Acetyl Decapeptide-3

Structure:



Product Properties:

Molecular Formula: C₆₈H₉₅N₁₉O₁₇

Molecular Weight : 1450.6

CAS Number : 935288-50-9

EINECS : 209-250-7

Specification:

Items	Specifications
Appearance	White to off-white powder
Molecular Ion Mass	1450.6 ± 1.0
Purity (HPLC)	≥95.0%
Water (K.F.)	≤7.0%
Acetic Acid (HPLC)	<15%

Acetyl Decapeptide-3 is an acetylated synthetic decapeptide that targets elastin synthesis and dermo-epidermal junction structures, specifically designed to enhance skin firmness, improve sagging, and restore youthful contours.

Function:

- ❖ **Elastin Activation:** Stimulates tropoelastin gene expression to reinforce elastic fiber networks in the dermis;
- ❖ **Contour Lifting:** Boosts fibronectin production for improved skin-to-tissue adhesion;
- ❖ **Anti-Gravity Sagging:** Inhibits elastase activity to counteract age-related gravitational drooping.

Application:

- ❖ **Firming & Anti-Aging Products:** Formulate in lifting serums, neck creams, or contour masks at 0.001%-0.1% concentration;
- ❖ **Synergistic Aging Defense:** Combine with palmitoyl tri peptide-1, elastin peptides, or proxylane for 3D structural support;
- ❖ **Compatibility:** Clinically proven to improve skin elasticity; suitable for early aging and gravity-affected skin.

Recommended use level: 0.005% - 0.05% (Water-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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