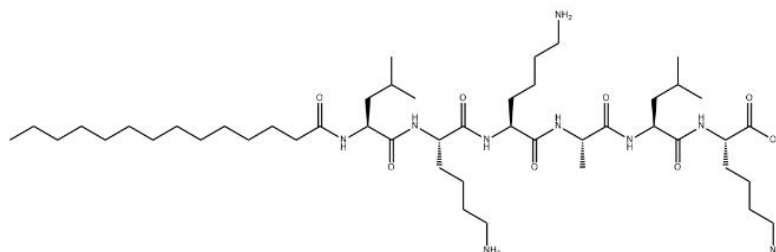


Technical Data Sheet

Product Name: Myristoyl Hexapeptide-16(98% Fluffy Powder)

INCI Name: Myristoyl Hexapeptide-16

Structure:



Product Properties:

Molecular Formula: C₄₇H₉₁N₉O₈

Molecular Weight : 910.28

CAS Number : 959610-54-9

EINECS : /

Specification:

Items	Specifications
Appearance	White or almost white fluffy powder
Water Content(Karl Fischer)	≤8.0%
Acetic Acid(By HPLC)	≤15.0%
Acetic acid content	≥98.0%

Myristoyl Hexapeptide - 16 is a synthetic bioactive peptide. It consists of six amino acids and is modified with a myristoyl group. This modification endows the peptide with better skin permeability, enabling it to more effectively reach specific action sites in the skin and exert its unique effects. It usually appears as a white to off - white powder, can exist stably in cosmetic formulations, and has good compatibility.

Function:

- ❖ Promotes skin firmness: It can stimulate fibroblasts in the skin, prompting them to produce more collagen and elastin fibers. This helps strengthen the structural support of the skin, reduce skin laxity, enhance skin firmness, and give the skin a younger and more elastic appearance;
- ❖ Improves skin texture: By regulating the skin cell metabolism, Myristoyl Hexapeptide - 16 helps repair damaged skin cells and fill the tiny gaps between skin cells. This process smooths the skin surface, significantly reducing the appearance of fine lines and wrinkles, and making the skin texture more delicate and uniform;
- ❖ Enhances skin radiance: This peptide can promote the microcirculation in the skin, increasing the blood supply to the skin. This not only brings more nutrients to skin cells but also helps excrete metabolic waste, thus making the skin glow with a natural radiance and improving the dull and lack - luster skin condition.

Application:

- ❖ Anti - wrinkle creams: It is often added to high - end anti - wrinkle creams as a core anti - wrinkle and firming ingredient;
- ❖ Firming serums: In the formulation of firming serums, Myristoyl Hexapeptide - 16 plays a key role;
- ❖ Eye care products: Due to the fragility of the skin around the eyes, which is prone to fine lines and laxity, Myristoyl Hexapeptide - 16 is often used in eye care products.

Recommended use level: 0.001%-0.01% (Water-soluble and oil-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: