

Myristoyl Hexapeptide-16

PROFESSIONAL MANUFACTURER FOR PEPTIDE

CAT# MCP1033

Product information

Product Name: Myristoyl Hexapeptide-16

Sequence: Myr-Leu-Lys-Lys-Ala-Leu-Lys-OH

CAS NO.: 959610-54-9

Molecular Formula: C₄₇H₉₁N₉O₈

MW: 910.28

Grade: Cosmetic Grade

Appearance: white powder

Specification: >98%

Quality: MSDS and COA: available

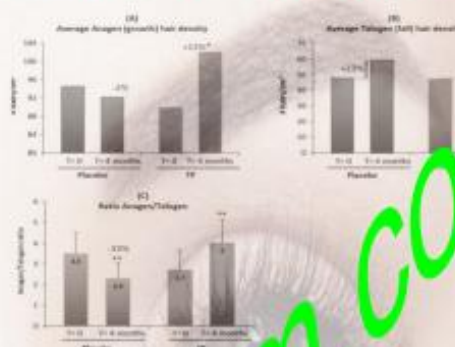
Min order: 1g

Package: 1g/5g/10g/100g in PP bottle

Descriptions

Myristoyl hexapeptide-16 is a synthetic compound produced by a reaction between Myristic acid and hexapeptide-16. It is a synthetic fatty acid linked with a long chain of polypeptides. Peptides are long chains of amino acids, the building material of proteins. It comes as colorless to pale beige clear liquid with a faint odor.

Myristoyl hexapeptide-16 is categorized as protein stimulating peptide. It enhances the production of skin protein called keratin. Keratin being basic skin protein makes the key structure of skin, nails, and hair. It forms an outer layer of skin and plays a major role in the protection of under layers of the skin. Hexapeptides also have a property of retaining moisture. So, when it is applied it does not let moisture evaporate and saves it for the skin. It is typically used in products along with pentapeptide-15. Also, another product myristoyl pentapeptide-17. It is used for improved growth of eyelashes. Eyelashes and eyebrows are shorter than our scalp hair, so they also have a shorter turnaround time (Only 30-45 days). When it is applied to the roots of eyelashes, it enhances the look of eyelashes making them appear longer, thicker and beautiful. It is used in formulations of eyelash serums.



Application & Use guide

The Palmitoyl Effectively stimulate the synthesis of keratin, an important component of hair, and promote the growth of hair (such as eyelashes); repair damaged hair from deep layers. It can be used in mascara, eyelash care lotion and other products.

Safety

Both in vivo and in vitro tests showed that myristoyl hexapeptide-16 did not show any cytotoxicity, skin irritation, allergies and eye irritation.

Technical Data

INCI Name : Myristoyl Hexapeptide-16

Reference: SymPeptide 235

Solubility: Water soluble

Shelf Life: 24 Months

For external use

Concentration Dosage

0.02%-0.1% (200PPM-1000PPM)

Or according to own brand's formula ratio

Recipe reminder

Keep pH 5-7, the final stage of the formula <45 °C low temperature addition

Storage

Keep in dark and cool dry place -5~8°C

Keep -20°C for long term use.

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