



## MW870.03 Cosmetic Peptide Acetyl Hexapeptide-1 100-1000PPM For Hair Care

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: HPLC
- Model Number: HBY-Acetyl Hexapeptide-1
- Minimum Order Quantity: 1-500g
- Price: Negotiable
- Packaging Details: 1-500g /plastic bottle
- Delivery Time: 3~5 days, upon receipt of payment
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 5000kg per month



Acetyl Hexapeptide-1



### Product Specification

- INCI Name: Acetyl Hexapeptide-1
- Cas No.: 448944-47-6
- Water(K.F.):  $\leq 7.0\%$
- Recommended Use Level: 100-1000PPM
- Storage: Keep In Dark And Cool Dry Place (-5 To 8°C)
- Appearance: White To Off-white Powder
- Odor: Slightly Characteristic Odor
- Theoretical MW: 870.03
- Purity (HPLC):  $\geq 95.0\%$
- Applications: Hair Care Reverses Hair Hair-greying Process, Photo Damage, Suncare
- Highlight: **Cosmetic Acetyl Hexapeptide-1, Cosmetic Peptide CAS 448944-47-6, Hair Care Acetyl Hexapeptide-1**



### More Images



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## Product Description

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#### Basic Information of Acetyl Hexapeptide-1:

Product Name	Acetyl Hexapeptide-1
CAS Number	448944-47-6
Appearance	White to off-white powder
Applications	Hair Care Reverses hair hair-greying process, Photo Damage, Suncare
Purity (HPLC)	≥95.0%
Recommended use level	100-1000PPM

#### What is Acetyl Hexapeptide-1 Powder?

Acetyl Hexapeptide-1 Powder is a synthetic peptide used in skincare products as an anti-aging ingredient. It is also known by the trade name Argireline®.

Acetyl Hexapeptide-1 Powder works by relaxing the facial muscles that cause wrinkles. It does this by inhibiting the release of acetylcholine, a neurotransmitter that causes muscle contraction. By relaxing the facial muscles, Acetyl Hexapeptide-1 Powder can help to reduce the appearance of wrinkles and fine lines.

In clinical studies, Acetyl Hexapeptide-1 Powder has been shown to be effective in reducing the appearance of crow's feet, frown lines, and forehead wrinkles. It is generally safe and well-tolerated, even for sensitive skin.

#### How it works?

Acetyl Hexapeptide-1 (also known as Argireline®) works by relaxing the facial muscles that cause wrinkles. It does this by inhibiting the release of acetylcholine, a neurotransmitter that causes muscle contraction. By relaxing the facial muscles, Acetyl Hexapeptide-1 can help to reduce the appearance of wrinkles and fine lines.

Here is a more detailed explanation of how Acetyl Hexapeptide-1 works:

**Acetylcholine inhibition:** Acetyl Hexapeptide-1 works by binding to the receptors on the nerve cells that release acetylcholine. This binding prevents acetylcholine from being released, which in turn prevents the muscles from contracting.

**Muscle relaxation:** When the muscles are relaxed, they are less likely to form wrinkles. This is because wrinkles are formed when the muscles contract repeatedly over time.

**Collagen and elastin production:** Acetyl Hexapeptide-1 has also been shown to stimulate the production of collagen and elastin, two proteins that are essential for maintaining skin elasticity and firmness. This can also help to reduce the appearance of wrinkles and fine lines.

In clinical studies, Acetyl Hexapeptide-1 has been shown to be effective in reducing the appearance of crow's feet, frown lines, and forehead wrinkles. It is generally safe and well-tolerated, even for sensitive skin.

#### Applications of Acetyl Hexapeptide-1 Powder

Acetyl Hexapeptide-1 Powder has a wide range of applications in the cosmetics and skincare industry. It is most commonly used in anti-aging products to reduce the appearance of wrinkles and fine lines. It can also be used to improve skin texture and elasticity and to reduce the appearance of pores.

Here are some specific applications of Acetyl Hexapeptide-1 Powder:

**Anti-aging products:** Acetyl Hexapeptide-1 Powder is a popular ingredient in anti-aging products because it can help to reduce the appearance of wrinkles and fine lines. It works by relaxing the facial muscles that cause wrinkles, and by inhibiting the release of acetylcholine, a neurotransmitter that causes muscle contraction.

**Skin texture and elasticity:** Acetyl Hexapeptide-1 Powder can also help to improve skin texture and elasticity. It does this by stimulating the production of collagen and elastin, two proteins that are essential for maintaining skin elasticity and firmness.

**Pore reduction:** Acetyl Hexapeptide-1 Powder can also help to reduce the appearance of pores. It does this by reducing the amount of sebum that is produced by the skin. Sebum is an oily substance that can clog pores and lead to blackheads and whiteheads.

**Eye creams:** Acetyl Hexapeptide-1 Powder is a popular ingredient in eye creams because it can help to reduce the appearance of crow's feet and other wrinkles around the eyes.

**Lip products:** Acetyl Hexapeptide-1 Powder can also be added to lip products to reduce the appearance of lip lines.

Hair Care Reverses hair hair-greying process

Photo Damage, Suncare

### Functions of Acetyl Hexapeptide-1

Acetyl Hexapeptide-1 is a peptide agonist of the  $\alpha$ -MSH ( $\alpha$ -Melanocyte-Stimulating Hormone). The  $\alpha$ -MSH regulates melanin synthesis via the activation of its receptor MC1-R.

Because of its affinity with the receptor MC1-R, can be used as a natural photoprotector and as an inflammation modulator, limits the expression of biochemical inflammation mediators such as IL-1, IL-8, and RANTES via the activation of MC1-R receptor and provides significant protection against UV-induced erythema.

### Benefits of Acetyl Hexapeptide-1 Powder:

Reduces the appearance of wrinkles and fine lines

Relaxes facial muscles

Inhibits the release of acetylcholine

Generally safe and well-tolerated



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