



98% Purity Anti-Wrinkle Acetyl Hexapeptide-8 White Powder CAS 616204-22-

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Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: HPLC
- Model Number: HBY-Acetyl Hexapeptide-8
- 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



Product Specification

- INCI Name: Acetyl Hexapeptide-8
- Cas No.: 616204-22-9
- 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: 889.01
- Purity (HPLC): $\geq 95.0\%$
- Applications: Anti-Wrinkle
- Highlight: **CAS 616204-22-9 Cosmetic Peptide, Anti Wrinkle Acetyl Hexapeptide-8, Acetyl Hexapeptide-8 Powder**



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Product Description

98% Purity CAS 616204-22-9 Anti-Wrinkle Acetyl Hexapeptide-8 White Powder



Basic Information of Acetyl Hexapeptide-8:

Product Name	Acetyl Hexapeptide-8
CAS Number	616204-22-9
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-8 Powder?

Acetyl Hexapeptide-8 is a synthetic peptide used in skincare products as an anti-aging ingredient. It is also known by the trade name Argireline®.

Acetyl Hexapeptide-8 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-8 can help to reduce the appearance of wrinkles and fine lines.

In clinical studies, Acetyl Hexapeptide-8 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.

Acetyl Hexapeptide-8 is typically used at a concentration of 0.1-1% in skincare products. It can be found in a variety of products, including serums, moisturizers, creams, and masks.

How it works?

By relaxing the facial muscles, Acetyl Hexapeptide-8 can help to reduce the appearance of wrinkles and fine lines.

Here is a more detailed explanation of how Acetyl Hexapeptide-8 works:

Acetyl Hexapeptide-8 binds to specific receptors on the nerve cells that release acetylcholine.

This binding prevents acetylcholine from being released, which in turn prevents the muscles from contracting.

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.

Applications of Acetyl Hexapeptide-8

Acetyl Hexapeptide-8 mimics the N-terminal end of SNAP-25 and it competes with the natural protein for a position in the SNARE complex. If the SNARE complex is slightly destabilized, the vesicle cannot release neurotransmitters efficiently and therefore muscle contraction is attenuated, preventing the formation of lines and wrinkles.

Acetyl Hexapeptide-8 mimics the N-terminal end of SNAP-25, a protein that is essential for the formation of the SNARE complex. The SNARE complex is a group of proteins that mediate the fusion of vesicles with the cell membrane, which is necessary for the release of neurotransmitters.

By mimicking the N-terminal end of SNAP-25, Acetyl Hexapeptide-8 can compete with the natural protein for a position in the SNARE complex. This can slightly destabilize the SNARE complex, making it less efficient at releasing neurotransmitters. As a result, muscle contraction is attenuated, which prevents the formation of lines and wrinkles.

In addition to its muscle-relaxing effect, Acetyl Hexapeptide-8 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.

Overall, Acetyl Hexapeptide-8 is a promising anti-aging ingredient that can help to improve the appearance of the skin. It is generally safe and well-tolerated, even for sensitive skin.

Functions of Acetyl Hexapeptide-8

Acetyl Hexapeptide-8, also known as Argireline®, is a synthetic peptide that has the following functions:

Reduces the appearance of wrinkles and fine lines: Acetyl Hexapeptide-8 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-8 can help to reduce the appearance of wrinkles and fine lines.

Improves skin texture and elasticity: Acetyl Hexapeptide-8 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.

Reduces the appearance of pores: Acetyl Hexapeptide-8 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.

Has anti-inflammatory and antioxidant properties: Acetyl Hexapeptide-8 also has anti-inflammatory and antioxidant properties. This means that it can help to reduce inflammation and protect the skin from damage caused by free radicals.

In addition to these functions, Acetyl Hexapeptide-8 has also been shown to have a number of other benefits, including:

Reducing the appearance of hyperpigmentation

Improving skin hydration

Protecting the skin from UV damage

Promoting wound healing

Overall, Acetyl Hexapeptide-8 is a versatile and effective skincare ingredient that can help to improve the appearance and health of the skin. It is generally safe and well-tolerated, even for sensitive skin.

Benefits of Using Acetyl Hexapeptide-8 in Skincare

Here are some of the benefits of using Acetyl Hexapeptide-8 in skincare products:

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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