

BOC Sciences New Promotes: Peptides for Functional Cosmetics R&D

Cosmetic peptide synthesis and production is now attached much attention by BOC Sciences officials to meet the increasing demand for cosmetic applications.

Peptides are publicly accepted as promising cosmetic compounds with prominent roles in collagen production, anti-wrinkle activity, pigmentation reduction, firming, *etc.* BOC Sciences is equipped with years of experience and versatile techniques for [cosmetic peptide](#) synthesis. Its annual production capacity can meet small-scale research demands as well as large-scale industrial needs. In addition to its cosmetic peptides in stock, BOC Sciences can custom synthesize the ingredients in line with a customer's projects.

BOC Sciences is recently promoting a comprehensive portfolio of cosmetic peptides, including signal peptide, carrier peptide, neurotransmitter inhibitory peptide, and enzyme inhibitory peptide, which can be purchased both in bulk or in small quantities.

Nevertheless, the competency to guarantee flexible supply in quantity alone cannot make BOC Sciences a reputed peptide manufacturer as it is now. Since there are increasingly strict requirements on quality, BOC Sciences must tightly keep its promise to offer the best peptides that comply with the regulatory standards in documentation for cosmetic ingredients.

Currently, its globally based manufacturing sites have completed FDA inspections and can support the production of the simplest to the most complex cosmetic peptide ingredients.

Below are more details about the main categories of cosmetic peptides available at BOC Sciences, some of which are now super popular in the marketplace.

Signal peptides

Signal peptides can speed up the production of collagen, elastin, and other proteins in the dermal matrix by stimulating skin fibroblasts, resulting in firmer and fuller skin.

Carrier peptides

Carrier peptides provide the body with trace elements, including copper and magnesium. These elements can accelerate wound repair and enzymatic processes.

Neurotransmitter inhibitory peptides

Neurotransmitter inhibitory peptides added to cosmetics can inhibit the release of acetylcholine through chemical interactions and reduce the generation of wrinkles.

Enzyme inhibitor peptides

Enzyme inhibitor peptides can inhibit enzyme activity, which reduces the breakdown of collagen and other proteins. For example, enzyme inhibitor peptides inhibit the hydrolysis of collagen by matrix metalloproteinases.

In the just-concluded industrial conference TIDES USA 2022, the delegation of BOC Sciences showcased its leading expertise in peptide and [amino acid synthesis](#), discovery, design, and engineering, which also involves its advances in cosmetic peptide production. Many visitors specializing in cosmetic R&D came around to seek more information while some of them decided to establish partnerships with BOC Sciences on the spot.

Stimulated by the rapid growth of its global business, BOC Sciences is now energetically cultivating frontier technologies for peptide development. More breakthroughs are to be witnessed in the future.

About

BOC Sciences is an established biochemical manufacturer and supplier with over 12,000 amino acids, peptides, and resins serving both scientific and commercial needs.