



BIOSYNTH®

Multikilogram Scale Peptide Manufacturing

**Long-term supply of critical peptides
being used as critical reagents,
ingredients, active products and more.**

Critical Raw Materials and Services for Diagnostics, Vaccines and Pharmaceuticals

Large Scale Peptide Production

We support our customers in taking their projects forward into large scale production, and for continued long term supply of critical peptides being used as reagents, ingredients, active products and more. As part of our leading edge manufacturing capabilities developed over decades, we are skilled in the smooth transition from milligram to kilogram scale. The scaling up to multikilogram scale synthesis starts with the development of a manufacturing protocol, sourcing of high quality starting materials and establishing the right control strategy, all together allowing for successful production. Our programs have competitive turnaround times and high levels of flexibility.

- Up to 2 kg Scale (single batch)
- Competitive Turnaround Times
- Dedicated Project Management
- Comprehensive Quality Control under ISO 9001:2015
- Design and Optimization of Synthesis and Purification

Expertise

Our highly skilled team offers decades of expertise to ensure a seamless upscale and execution of your projects. We will develop a streamlined approach to both synthesis and purification to ensure a high quality and efficient process is chosen. Our expertise enables us to synthesize simple to very complex peptides with many modifications such as:



- Acylation and Amidation
- Biotinylation
- Cyclizations
- Alkylation
- Lipidation
- Dye Conjugation
- Pegylation
- Phosphorylation
- Methylation
- Acetylation
- Coupling of Bifunctional Chelating Agents and Prosthetic Groups for Imaging Agents
- Click Chemistry
- Ring-Closing Metathesis Chemistry
- Salt form exchange
- And many more

Quality

Our ISO 9001:2015 certified facility and stringent quality control ensure the delivery of the highest quality peptides. Our quality control generally includes LC-ESI-MS or MALDI-MS and HPLC. Based on the individual requirements of our customers we also provide:

- Amino Acid Analysis (AAA)
- NMR
- Residual Solvents
- Net Peptide Content
- Solubility and Stability Testing
- Karl Fisher water content
- Solubility
- Elemental analysis
- And more

Our customers are able to use our high quality multikilogram batches for a range of applications, including in cosmetics, for toxicology and other pre-clinical studies and for affinity purification of target products.

Project Management

Our highly skilled and dedicated project managers are vital to the success of the project. They are devoted to ensuring an outstanding communication and collaboration with our customers throughout the entire process, from the initial contact to the receipt of the final product.

Just as with our other contract manufacturing services, we can take projects from the first idea to the finished product, working as your partner.

Peptides as Cosmeceuticals

Peptides have shown to be an excellent choice for skin related anti-aging effects, wound regeneration, and a variety of other areas of interest. This has caused the use of synthetic peptides as active ingredients in cosmetics to rapidly grow. There are currently more than 30 peptides used as skin care products and a significant number more are being developed.

For more information on our peptide services, including custom synthesis and library production, GMP manufacture, lead discovery and neoantigen peptides visit www.biosynth.com/peptides



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Global Reach



Global locations

Discover all our locations at www.biosynth.com/worldwide-locations

Switzerland	India
United Kingdom	South Korea
Ireland	Japan
Slovakia	Austria
United States	Netherlands
China	Germany

About Biosynth

Critical Raw Materials and Services for Diagnostics, Vaccines and Pharmaceuticals - where Chemistry meets Biology, Products meet Services and Innovation meets Quality, Biosynth is at the Edge of Innovation. With an unrivaled research product portfolio of over a million products and end to end manufacturing services, we are science led and customer focused to solve problems, taking pride in delivering products and projects that others cannot. Our expertise and capability runs across Complex Chemicals, Peptides and Key Biologics all from one trusted partner.

Contact us

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