

Custom  
design  
and production  
of specialty  
chemicals,  
intermediates  
and APIs.

**VIO** CHEMICALS  
OUR SCIENCE, YOUR PRODUCT






Swiss excellence  
encompassing  
low-cost European  
R&D expertise  
and large-scale  
advanced  
manufacturing  
in China.



### **TAILOR-MADE AND HIGHLY MARKETABLE SOLUTIONS**



VIO Chemicals is your exclusive partner for custom and contract development, manufacturing and sourcing of specialty chemicals, intermediates and Active Pharmaceutical Ingredients (APIs). We will create a tailor-made solution for you while achieving maximum quality, performance and profitability for your product.

### **OUR PASSION FOR CHEMISTRY ACHIEVES EXCELLENCE AT LOW-COST**

Operating out of the thriving business environment of Switzerland, since its foundation in 2001, our company is driven by our passion for chemistry to become the world's leader in advanced chemistry. With our state-of-the-art R&D centre in Greece, staffed by highly qualified and experienced scientists, we will use all our resources to design and implement innovative processes to produce your product. What is more, we will develop your product at significantly lower costs than can be found elsewhere in Europe.

### **WE HAVE EARNED THE TRUST OF THE BIGGEST GLOBAL FIRMS**

Through our long-established presence in Europe, strategic partnerships and our vast network and facilities in China we have developed a unique portfolio of 300 marketed products which are used by the world's leading pharmaceutical, chemical, cosmetic and nutraceutical companies to produce safe and sustainable products for better health and well-being.



# EUROPEAN R&D EXPERTISE

**Developing custom cutting-edge solutions for you**

VIO Chemicals R&D is dedicated to the development of cost competitive, high-quality and highly-marketable products for customers worldwide.

Our experienced team will work on a project-by project basis to find the best solution for your process or product at the lowest price.

In addition, we will provide complete quality, regulatory and intellectual property support to help you register and get your product into the market faster.



**Our R&D services include:**

- High-value, cost-effective and non-infringing solutions
- Synthetic route design and evaluation with proper IP support
- Process optimisation
- Process and product analytical research, development and validation
- Exact and seamless technology transfer
- Process scale-up, manufacturing plan and commercial production
- QA and RA guidance and support for registration and life cycle management
- Complementary IP evaluation and support

## THE VIO CHEMICALS R&D CENTRE

**A powerhouse of science at highly competitive rates**

Our R&D centre is strategically located in Thessaloniki, Greece.

That way, firstly, we are able to employ highly-educated scientists, who are motivated to thrive in an environment that stimulates innovation and produce at a high output.

Secondly, we benefit from Europe's high volume and quality of science, open collaborative ecosystem and regulated framework and strategy for the protection of Intellectual Property rights.

Furthermore, we are able to provide R&D services for as little as a fifth to a half of the cost that can be found elsewhere in Europe.

**Our main R&D resources and capabilities include:**

- 35 talented scientists with an output of more than 30 patent filings and over 150 publications
- State-of-the-art organic synthesis, process and analytical equipment
- Project management and quality assurance complying with ICH guidelines throughout all stage gates of development
- Complementary IP, QA and RA advice, guidance and support
- ISO 14001 and ISO 9001 certifications for Environmental Management and Quality Management System

# LARGE-SCALE ADVANCED MANUFACTURING IN CHINA

Reliable yet flexible, cost-efficient and prompt



At VIO Chemicals we appreciate that a seamless and sustainable manufacturing process is crucial for your business continuity and market competitiveness. Through proper planning, smart process control and effective material management, we are focused on exactly that - the reliable and sustainable production of your product, at our facilities in Binhai.

We won't stop there though. We care about every detail and that is why we will actively monitor all production stages, to ensure the highest quality and timely release and delivery of your product.

In addition, we will be able to respond to any of your demands, needs and requirements thanks to our vast network and manufacturing partners in the area.

## Our manufacturing capabilities include:

- More than 4,500 m<sup>2</sup> of manufacturing space in a total plot area of 27,000 m<sup>2</sup> in Binhai
- Three production units, one cGMP-standard
- High flexibility in production capacity, with volume ranging from grams to metric tons
- Clean room for the production of intermediates, ISO Class 8
- Multipurpose and single product plants with medium to high throughput
- Glass-lined and stainless steel reactors from 500L to 5,000L
- Waste management system for solid, gas and water according to local regulations
- Water purification system
- Solvent recycling technology
- Strict compliance with local health, safety and environmental policies and regulation
- ISO 9001 certification for Quality Management System





# STRATEGIC SOURCING SOLUTIONS

Securing an uninterrupted supply for your business



At VIO Chemicals we offer a comprehensive range of procurement and supply chain solutions for your catalogue, custom-manufactured and proprietary products.

With over 15 years of presence in the Chinese market, we have established strong ties with a reliable network of producers in the area. Moreover, we have acquired excellent knowledge of the local regulations, which gives us a competitive advantage when screening and assessing our suppliers for quality, environmental, safety and regulatory compliance. High-quality, reliable supply, competitive pricing, regulatory compliance and fast delivery of your product are vital components of our sourcing strategy.

Our experienced local procurement team will utilise all their resources to find the best-fit portfolio for your needs and help you to retain your market position and increase your profit margins in today's uncertain environment.

## Our suite of strategic sourcing solutions includes:

- China representative office in Nanjing certified with ISO 9001 for Quality Management System
- Strong procurement team of 8 people based in Nanjing
- Market knowledge and price benchmark
- Supplier screening, evaluation and risk assessment
- HSE evaluation and GMP monitoring
- Quality assurance and monitoring
- Complete logistic services
- Complementary consulting and regulatory services



# PRODUCT RANGE

Supplying the pharmaceutical industry and beyond

We help you design and create better drugs for tomorrow. With over 20 years of experience in research and development, we can provide you with the latest science and technology to support innovative approaches to address met and unmet therapeutic needs.

Our products are designed to help you reach the full potential of your drug development efforts, and enhance the delivery and bioavailability of your active drug substance into the human body.

To this end, we offer:

Active Pharmaceutical Ingredients (APIs)

Intermediates for API Synthesis

Drug Formulation Excipients

High Quality Amino Acid Derivatives for Peptide Synthesis (99.5% Purity)

In addition, we offer unique chemicals for early discovery and bioisosteric replacement, specialty scaffolds for asymmetric synthesis and a full range of reagents for your chemical transformation and solid-phase peptide synthesis needs:

Bicyclo[1.1.1]pentanes

Chiral Scaffolds and Building Blocks

Specialty Chemicals and Reagents

Finally, we offer specialty chemicals for industrial applications such as additives.

To access the complete list of our products visit our website at [www.viochemicals.com/products](http://www.viochemicals.com/products)

If you cannot find what you are looking for, contact us for a customised approach tailored to your needs.



# VIO CHEMICALS

OUR SCIENCE, YOUR PRODUCT

## EXPLORE

[www.viochemicals.com](http://www.viochemicals.com)

## CONNECT

 @VIOChemicals

 /VIO Chemicals

VIO CHEMICALS AG  
+41 44 380 24 44  
[info@viochem.com](mailto:info@viochem.com)

## DISCOVER

