

Advanced technical capabilities

Low temperature equipment

- Organometallic and low-temperature chemistry down to -100° C in special reactors of up to 1000 l
- Handling of air- and moisture-sensitive materials, e.g. Grignard and organolithium compounds

High pressure equipment

- Hydrogenation, hydroformylation, carbonylation and high-pressure reactions up to 200 bar
- Autoclaves starting from 0.2 l up to 1.8 m³, in different materials such as stainless steel and Hastelloy

Analytical services

Long-standing expertise in:

- Quality control of starting materials and products
- Analytical support in process development
- Method development and validation
- GMP analytics: release testing, stability storage and stability testing
- GLP analytics: physicochemical data, five-batch analysis
- Advanced technologies: structure elucidation, element analytics, dust and air measurements

Multi-purpose equipment

- Flexible, variably connectable equipment for complex multi-stage synthesis
- 80 different reaction vessels from 0.1 up to 5.0 m³
- Stirred pressure filters up to 4 m²
- Distillation columns with up to 30 theoretical plates
- Thin film and short path evaporators



Innovation Services



Innovating Chemistry.
Together.

Contact details for inquiries:

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For more informations:
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We are WeylChem InnoTec!

WeylChem InnoTec is the innovative partner to the fine chemical, pharmaceutical, agrochemical and electronics industries. We provide world-class analytical services, modern developmental services and tailor-made manufacturing services. Based on our many years of expertise, WeylChem InnoTec supports customers by manufacturing the sophisticated materials they need, with professionalism and flexibility.

Innovating chemistry. Together.

After listening carefully, we deliver what our customers need, guided by our key values of

- customer intimacy,
- scientific excellence,
- flexibility, and
- quality.

Our business is driven by long, trusting partnerships with our customers. We have an impressive track record of successful customer projects.

From concept to production and analytical services, more than 120 scientists and technicians – embedded in a unique flexible environment and backed up by excellent infrastructure – are dedicated to turning your ideas into reality.

Our services

Analytics

Your service partner in the chemical and pharmaceutical industry, with contract services under GLP, GMP and ISO.

Contract development

For the development of new products, we offer chemistry research programs, process optimization and excellent scale-up capabilities.

Custom synthesis

We use modern equipment to manufacture specialty products according to our customers' requirements on lab, kilo lab and full commercial scale.

How we can support you in different markets

Organic electronics

- Materials for printed semiconductors and OLEDs
- Materials for organic photovoltaics (OPV)
- Materials for organic photodetectors (OPD)
- Liquid crystal building blocks in high purity
- Materials for batteries

Pharmaceutical intermediates

- Pilot and medium-sized plants ranging from tens of kgs up to tons per year
- Building blocks and starting materials (non-GMP)
- Extended capacities for chemical process development on lab scale

Catalysts and ligands

- Phosphorus-containing ligands and other ligand types
- Medium and large commercial scale
- Metallocenes and homogeneous catalysts

Sustainable chemistry

- Bio-based or bio-degradable materials
- Process development for bio-based material applications

Agrochemicals

- Process development and optimization on laboratory and pilot scale
- Manufacturing of test and tox quantities ranging from hundreds of kgs to tons per campaign
- Large-scale manufacturing available at other WeylChem sites in Europe or the U.S.