

Drug Substance Mastering complexity with confidence

Hovione is home to challenging chemistries for over +65 years, combining complex molecule mastery with accelerated execution. Across every scale and stage, from substance to product, we make the difficult feel seamless.

**Global API site network**

Built-in backup capacity to secure supply

**R&D global ecosystem**

Shared know-how to de-risk scale-up

**One-Site-Stop®**

Drug Substance to Drug Product integration

**40+ FDA inspections**

Flawless regulatory track record over four decades



Contact our experts today to bring sustainability into your development journey from the very start

One partner to keep your molecule moving at pace

**Accelerate your path
to NDA/MAA submission**

**Ensure reliable scale up
and faster market entry**

Early stage

Process development
and optimized regulatory
support

Flexible infrastructure

Clinical supply

Process optimization
and registration

Development mirrors
manufacturing capabilities

Potent capabilities
(down to $1\mu\text{g}/\text{m}^3$)

API manufacturing

Expertise in small and large
scale API manufacturing

Seamless transition from
clinical to commercial

Technology transfer and life
cycle management expertise

Differentiated API competences to unlock the potential of your project

Complex reaction capabilities

Organometallic and
cryogenic (down to $-100\text{ }^{\circ}\text{C}$)

High pressure and
hydrogenation (up to 85 bar)

Carbohydrate chemistry
and amide bond formation

Advanced purification techniques

Membrane purification
(UF, DiaF, NF)

Ion exchange
purification

Metal catalyst
remediation

Solid form and particle control

Controlled
crystallization

Spray drying and
particle engineering

Micronization
(Jet milling, Wet milling)

Special API

Corticosteroids
(dedicated facilities)

Potent APIs
(down to $1\mu\text{g}/\text{m}^3$)

Small, medium and large
scale API production

World #1 global API network with downstream integration to offer supply chain security and operational continuity

New Jersey, USA

- Early stage and clinical supply
- Scale up | Small volume API
- Commercial supply: 4 – 3,000 L
- Potent API (down to $1\mu\text{g}/\text{m}^3$)
- Cryogenic, hydrogenation
and organometallic capabilities
- **API, Particle Engineering***

Cork, Ireland

- Clinical supply
- Scale up | Large volume API
- Commercial supply: 2,500 – 16,000 L
- Cryogenic and organometallic capabilities
- **API, Particle Engineering***

Loures, Portugal

- Early stage and clinical supply
- Scale up | Small to large volume API
- Commercial supply: 30 – 12,500 L
- Potent API (down to $1\mu\text{g}/\text{m}^3$)
- Cryogenic, organometallic, hydrogenation,
corticosteroids and carbohydrate capabilities
- **API, Particle Engineering* and Drug Product****

Macau, China

- Early stage and clinical supply
- Scale up | Small to medium volume API
- Commercial supply: 4 – 6,000 L
- Cryogenic, hydrogenation and specialized API
- **API, Particle Engineering***

* Spray drying, jet milling and crystallization
** Tableting, capsule filling

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Contact us

