



● Personalised services  
in drug discovery





# flexible

## ■ **Tailor-made services**

Idealp-Pharma's capabilities in chemistry, cheminformatics and biology enable us to develop individual solutions to meet our client's exact requirements in drug discovery.

We provide individual cheminformatics and chemistry services right through to integrated programmes :

- Integrated projects services
- Chemistry services
- Cheminformatics studies



# responsive

## ■ **Why choose Idealp-Pharma?**

- Access to modular or entire drug discovery services
- Seamless and personalised solutions for customers needs
- Total programme visibility
- Flexibility throughout the programme
- Speed and quality of service

Our capability is reflected by the very high level of customer satisfaction for which we are known. This is why clients come to view our project teams as extensions of their own in-house capabilities.

With a dynamic team of specialists and by integrating capabilities in medicinal chemistry, cheminformatics and biology, Idealp-Pharma provides personalised services to your drug discovery projects



# efficient

## ■ Seamless solutions

### **Reactivity and flexibility**

We know that scientific projects cannot always be completely defined in advance - this is why our clients can refocus their project at any time during the collaboration.

### **Outsourcing management**

The required project resources are measured in terms of FTEs. The efficiency of our FTEs is maximized by optimal use of Idealp-Pharma's resources: intellect, technology and experience.

Our clients are in direct contact with a designated project manager (PhD) throughout the collaboration period.

### **Communication**

Project management is based on transparency, with regular project meetings and/or reporting as requested by the client.

### **Efficient use of resources**

Idealp-Pharma has its own purpose-built infrastructure, including an 1500-square metre organic synthesis and biology labs, a cheminformatics platform and analytical facilities. Idealp-Pharma's 'one-stop shop' approach increases efficiency.



# reliable

## ■ Experience and reliability

### **High-quality work which meets your needs**

We adopt a professional approach with all our clients, ensuring that scientific programmes are managed with efficiency and success.

### **Data management and security**

To provide our clients with complete confidence regarding confidentiality and the knowledge that their project is safe with Idealp-Pharma, we follow rigorous procedures for data management, backup and security.

### **Meeting your deadlines**

Thanks to our teams' reactivity and flexibility, we guarantee that your deadlines will be met whilst still providing high-calibre work.

### **Integrity**

The integrity of Idealp-Pharma's management and staff scientists provides clients with complete trust in terms of confidentiality and intellectual sincerity.

### **Intellectual Property Rights**

Idealp-Pharma grants full IP ownership to its clients and does not demand royalties.

# tailor-made services



## Integrated projects in drug discovery

- By applying its innovative cheminformatics and biological approaches, synthesis expertise and flexible resources, Idealp-Pharma is an ideal partner for supporting your entire drug discovery programme, from hit identification to lead optimization.

Drug discovery demands creative minds and original thinking with the framework of your drug development specifications. With extensive experience of successful, integrated projects, we have what it takes to make your programme work.

Medicinal chemists, biologists and cheminformatics specialists work closely together to accelerate your preclinical development phases. Whatever your needs, we have your drug discovery success in mind.

## Medicinal chemistry services

- **Custom synthesis**  
Idealp-Pharma tackles syntheses up to the 500 grams scale. In some cases, the customer may wish to supply a known route but Idealp-Pharma can also draw upon its own knowledge to devise or improve synthetic routes.
- **Synthetic chemistry focused on patent expansion and protection**
- **Focused libraries**  
By combining a high-performance, automated platform with the skills of our parallel synthesis team, we can generate focused compound libraries comprising several hundred compounds.
- **Flexible contract research in chemistry**  
Idealp-Pharma possesses acknowledged expertise in devising novel synthetic routes for molecules of interest. Over the years, Idealp-Pharma has used its strengths in chemistry to work for its clients in a broad range of therapeutic areas and organic classes.

Our analysts support chemistry projects with routine analyses as well as carrying out method development.

Our analysis service uses efficient spectroscopic and liquid chromatographic techniques to purify intermediate and final compounds and validate their respective structures.



## Cheminformatics studies

Idealp-Pharma offers a comprehensive range of pertinent commercial software combined with novel, proprietary cheminformatics approaches developed in-house.

### ■ Library design

We customize libraries by starting from commercially available 'drug-like' compounds, thus ensuring maximal diversity for a user-defined number of molecules.

Our strategy ensures an optimal compromise between the size and molecular diversity of a library specifically designed to fulfil your needs. Moreover, considering molecular diversity in terms of scaffolds and not just computed descriptors enables the selection of compounds, just as a medicinal chemist would do by eye.

### ■ Lead optimization

Focused screening of small-sized libraries (< 500 compounds) against a macromolecular target for which hits/leads have already been identified. Our SLF\_Libmaker® technology ensures rapid, stepwise optimization of a known lead while maximising the chances of obtaining better compounds at each iteration cycle (design-enumeration-synthesis).

### ■ Virtual screening

From among 5 millions commercially available compounds, we pick the most likely hits for your target on the basis of either a known pharmacophore or the 3-D structure of an active site.

In silico screening of large libraries yields hit lists which are particularly rich in active compounds (ca. 20-30%) *vis-à-vis* a user-defined target, with incomparably low cost and high speed.

### ■ Ligand profiling

Selectivity profiling: we identify secondary targets for a known hit/lead via proprietary in silico strategies.

In silico ligand profiling allows us to simultaneously address potency and selectivity issues at a very competitive price, and thus to anticipate pharmacological side effects for your ligand.

Idealp-Pharma has won the confidence of many well-known companies, including :

- Addex Pharmaceutical,
- Anaconda,
- Aptanomics,
- Astrazeneca,
- Bayer,
- Carex,
- Exonhit,
- Cytomics Systems,
- Faust Pharmaceuticals,
- Fournier Pharma,
- GlaxoSmithKline,
- Guerbet,
- Hybrigenics,
- Idenix Pharmaceuticals,
- Institut Lejeune,
- Laboratoires Pierre Fabre,
- Merck KGaA,
- Mutabilis,
- Nicox,
- Sanofi-Synthelabo,
- Sepal Pharma,
- Servier,
- Solvay Pharma,
- Texinfine,
- Trophos,
- Urogene,
- Vivalis,
- Zambon Group,
- ....



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