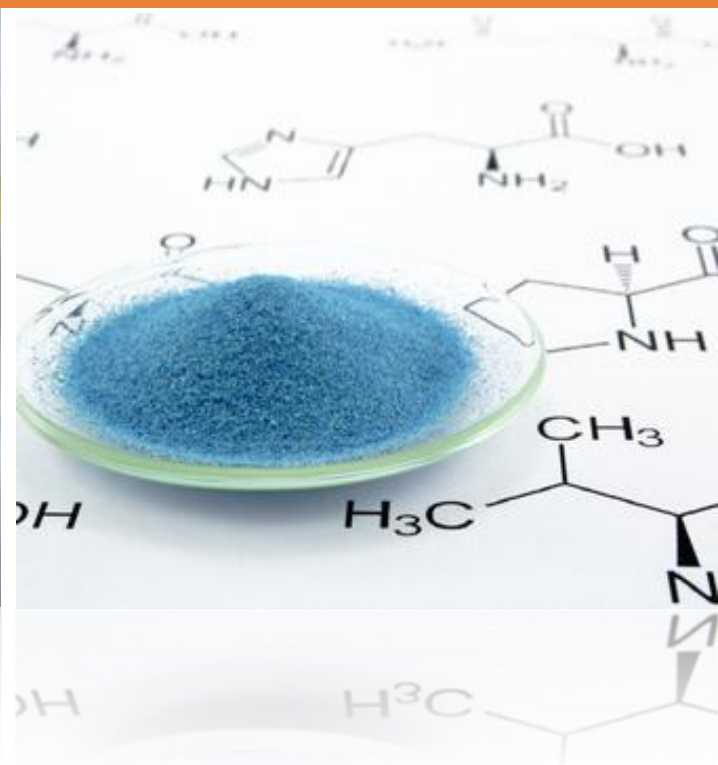
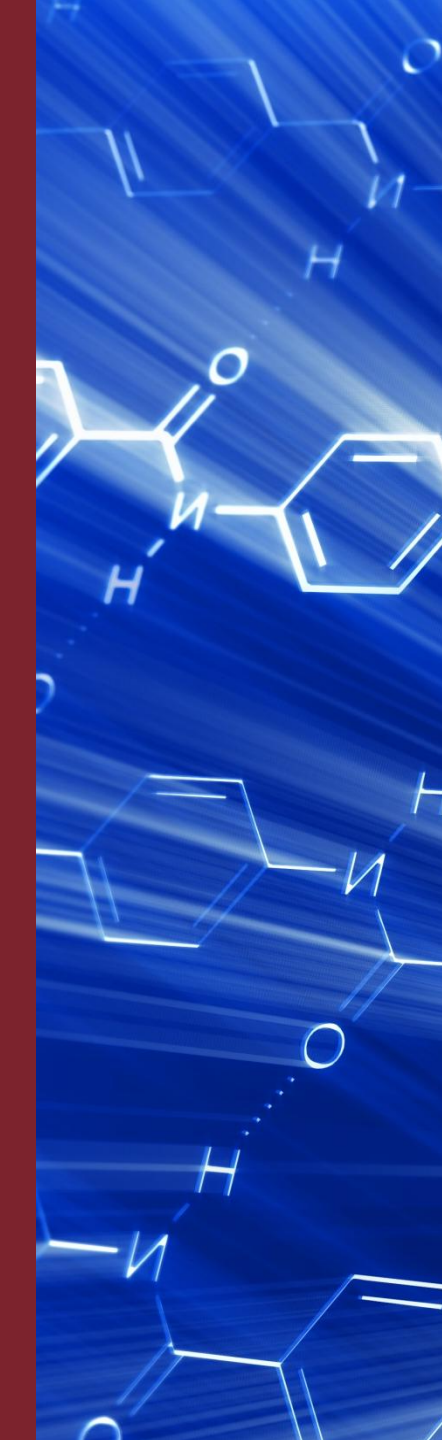




 **Roowin**
CHEMICALS YOUR WAY



Helping our clients bring their
products successfully to market



Our Mission is to add value to your product and make it a ready-to-license drug candidate.

3

High Value Program Offers

for an all in one package from drug discovery to market

1 point of contact for all of the various steps from synthetic to analytical services.

Research



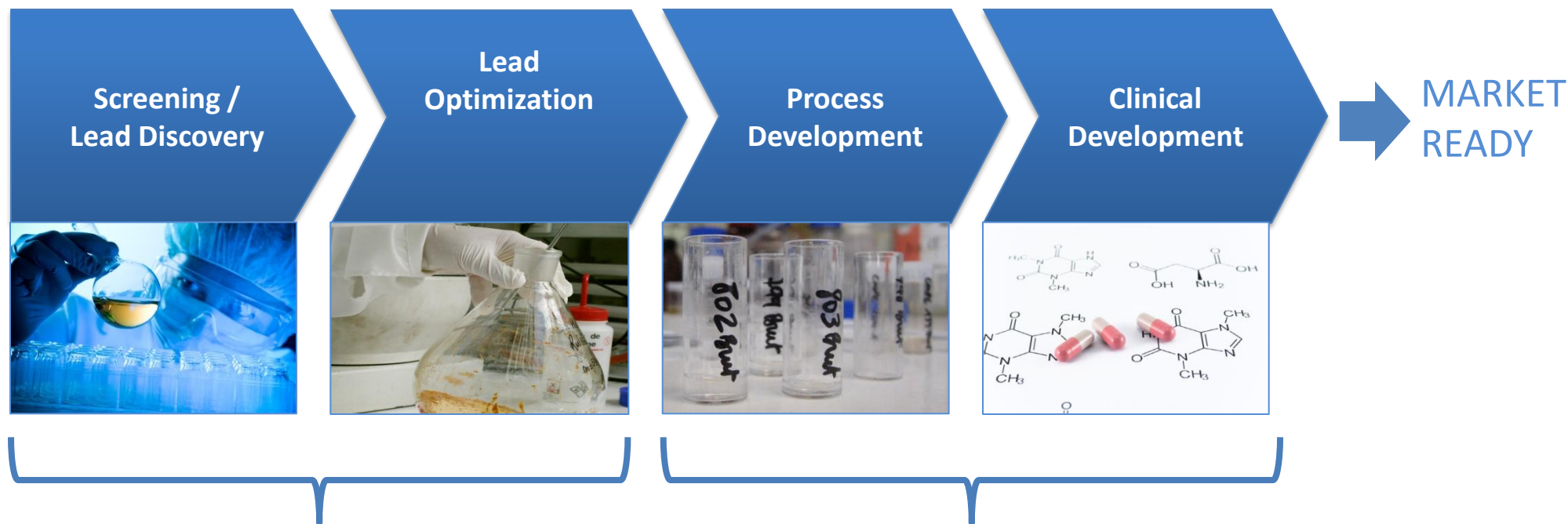
Process Development



Production



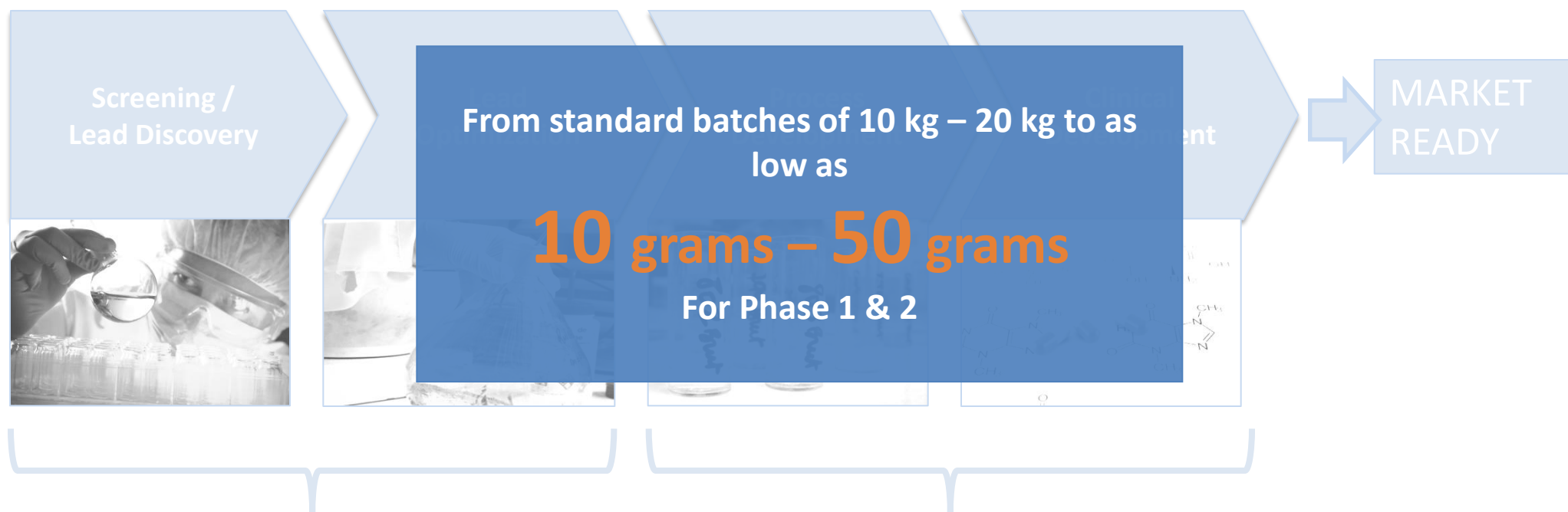
Providing a full scope of integrated service from hit to Market



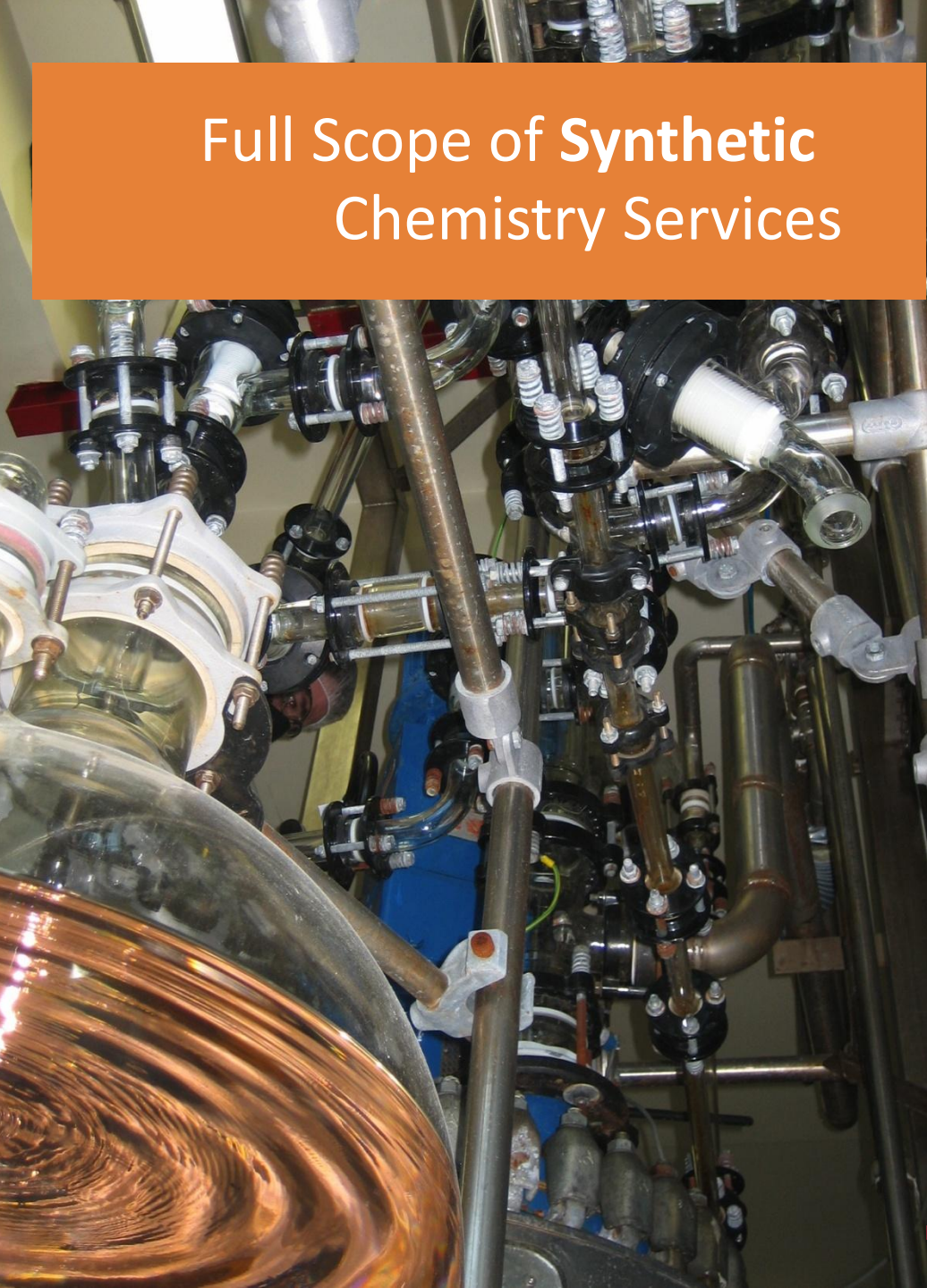
Synthesis of new molecules
Synthesis of small libraries
Synthesis of reference substances
Impurity identification, profiling and synthesis
Structure characterization
Development of analytic method

Process development
Production of non GMP batches
Production of cGMP batches for clinical trial
Validation of analytic method
Forced degradation
Stability studies

Leverage the ability and performance to work in small quantity batches



Save time.
Save resources.
Guarantee quality.



Full Scope of Synthetic Chemistry Services

Bringing top quality synthetic chemistry services for product development results.

Roowin provides **custom** and **cGMP** synthesis from **mg to 20kg scale**

We can provide:

- Development of new chemical routes
- Synthesis of new molecules
- Development of small libraries
- Synthesis of reference substances
- Impurity identification, profiling and synthesis
- Process development
- Process optimization
- Production of non GMP batches
 - Building blocks
 - Formulation
- Production of cGMP batches

Providing complete Analytical support for entire process under cGMP quality.

Roowin accelerates and optimizes the success of our client's drug development efforts by leveraging the ability to offer the full scope of Analysis needs from discovery to successful launch to market.

This one stop shopping Analytical process is a **Pipeline of 4 stages.**

Development of Analytical methods

Structure characterization
Purity determination



Validation of Analytical methods following ICH guidelines



Forced degradation studies



Stabilities studies following ICH guidelines

Full Scope of Analytical Chemistry Services





Tapping into
State-of-the-Art
Appartus' for

Quality,
Performance
and
Results.



Our high standard facilities are fully equipped with state of the art apparatus that makes us unique on the European market.

Analysis

- HPLC : UV, DAD, ELSD, Refractometry, Fluorometry
- UPLC / MS • UPLC / MS / MS
- GC : FID • GC / MS • GC HeadSpace
- NMR 300 MHz • LC/NMR 500 MHz

Kilolab:

Glass vessels with double jacket : 5 L, 10 L, 25 L
20 L Rotary Evaporators
Hydrogenation : 300 mL, 2 L (350° C – 120 bars)
Preparative Chromatography : Biotage, Büchi, Novasep
Vacuum drying oven

Pilot Plant:

Low temperature : -80° C
Stainless steel vessels : 150 L, 300 L
Hastelloy vessel : 150 L
Autoclave : Hastelloy steel 20 L – 30 bars
Filter drier • Vacuum drying oven

Fully Equipped facilities with the Highest Security Measures Taken

We have [Research and Development Laboratories](#), [Kilolaboratories](#) and [Pilot Plant](#) in over 2000m². Each are fully equipped chemistry facilities and are kept to same security standards of big pharmaceutical groups.

Our facilities are located on the former site of a big pharmaceutical group and feature and include [cGMP facilities](#):

Kilo-laboratory

Pilot plant

ROOWIN Promises and Delivers Quality

We pay great attention to and Highest Standards of Security Measures taken.



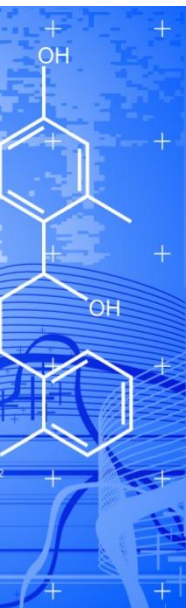
Providing Classic and Specialty Expertise in a Variety of Reaction and Compounds

Class of Reactions

- **Classic Reactions**
- **Photochemistry**
bromination, amine oxydation, aromatic oxydation, ...
- **Reactions under pressure**
Hydrogenation, Carbonylation
- **Nitration**

Class of Compounds

- Heterocycles** ▪
- Peptides** ▪
- Glycolipids** ▪
- Oligosaccharides** ▪



Up to

52 synthesized steps

e.g.(Oligosaccharides – up to octa saccharide)

Oligosaccharides ■



A Team of High Level and Qualified Scientists

Over **24** highly qualified scientific chemists

98% chemist

Over **50%** PhDs

Created in 1998

Health and Safety Management: **OSHAS 18001** (scheduled in 2027)

Environment Management: **ISO 14001** (scheduled in 2027)

Data Integrity : **ISO 27001/HDS** (scheduled in 2027)

GMP Production: Customers Audits/GMP experts (Q1 2007)

ANSM Inspection : December 2016

ANSM Inspection : December 2020

ANSM Inspection : September 2025

Roowin is part of the tax free system for research in 2021, 2022, 2023, 2024, 2025 & 2026



Patrice Rool
CEO of ROOWIN

A proven track record of building relationships and partnering for success



Pharmaceutical Industry • Biotechnology companies • Cosmetic Industry
Chemical suppliers • Electronic industry • Catalog merchant



(Wilmington, DE)

NLX101: Phase I

NLX112: Phase II



(Nasdaq: HEPA - Edison, NJ)

CRV431: Phase I/II



(Nasdaq: ONCT – San Diego, CA)

TK216: Phase I/II



(Nasdaq: GNFT - Cambridge, MA)

(Euronext : GNFT – Loos, France)

Elafribanor®: Commercial



(Euronext : ABVX – Paris, France)

ABX544: Phase I

ABX464: Phase II



(Euronext : ABSCF – Paris, France)

AB8939: Phase I

Choosing Roowin make sense.



We provide our clients with:

- One stop shopping from drug discovery to market
- High level chemists and PhDs
- Fully Equipped Facilities with State of the Art Apparatus
- High standards of Security and Quality
- Short deadlines, Confidentiality and Customized Service

Contact us:

ROOWIN SA

20, rue Henri Goudier

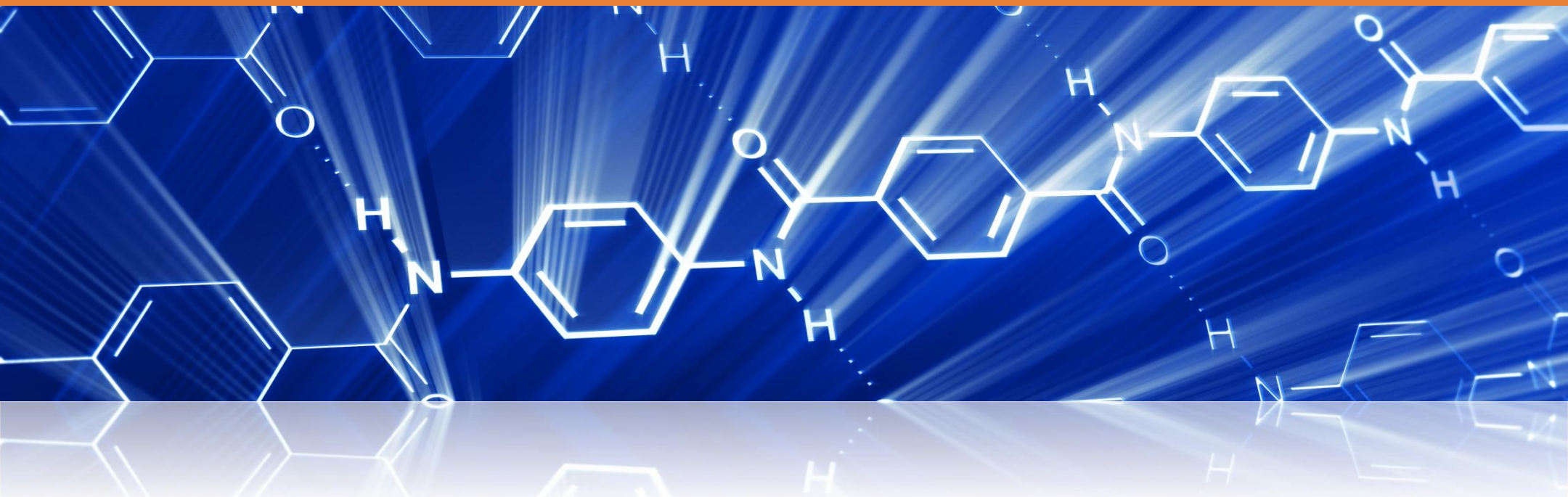
63200 RIOM

Tél : +33 (0)4 73 64 66 00: Fax : +33 (0)4 73 38 91 36

www.roowin.com

email: patrice.rool@roowin.fr

Demonstrated Results to accelerate your successful market launch with less time and resources.



One-stop shop to bring your products
successfully to market.

Save time.

Save resources.

Guarantee quality.