



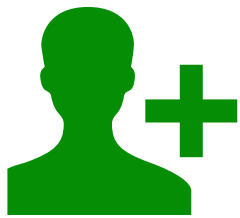
Contact information

contact@novecal.com

+33 6 19220943

www.novecal.com/

R&D&I expertise



NOVECAL is a company specialized in organic chemistry, oleochemistry and catalysis with applications in pharmaceuticals, cosmetics and materials.



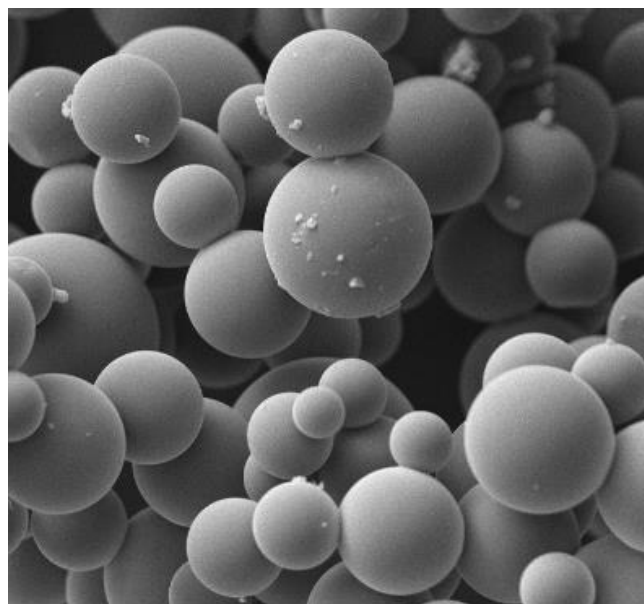
Our facilities

- Based in France (Paris-Saclay)
- Pilot plant (20L reactor, 20L rotavapor)
- HTE platform (High Throughput Experimentation)
- Analytical tools (viscometry, NMR, HR-MS, XPS spectrometries, gas chromatography...)

Services & innovations for materials & cosmetics

Viscosity modulation

- Particles dispersion (metal oxide and metal) for formulations loading, stability, performances increase / process optimization
- Waxes, oils, solvents or monomers thickening / gelation for creams, inks, paints...



and coating

- Hydrophobicity, oleophobicity

using natural products

- Oils, acids, clays...



Catalysis expertise and services

Setup and optimization of catalytic reactions

- Wide range of catalytic reactions: cross-couplings, hydrogenation, C-H activation, asymmetric catalysis...
- Parameters optimization (catalyst, base, solvent, temperature...)
- HTE fast screening

Metal removal

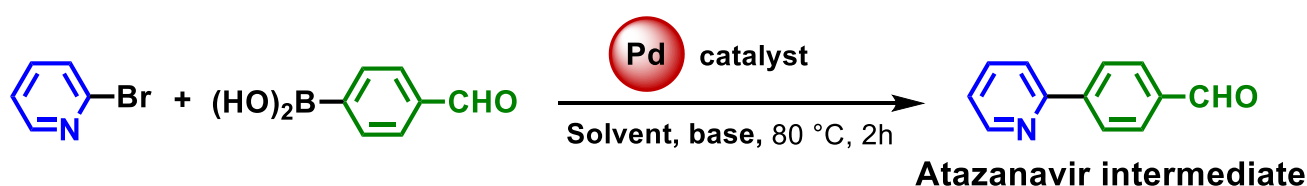
- Metal leaching analysis
- Decontamination solutions

Development and batches production

- From 100 mg to 1 kg
- Product purification & analysis
- Cost optimization (in compliance with regulations)

We optimize your catalysis operations, you save time and money

High Throughput Experimentation

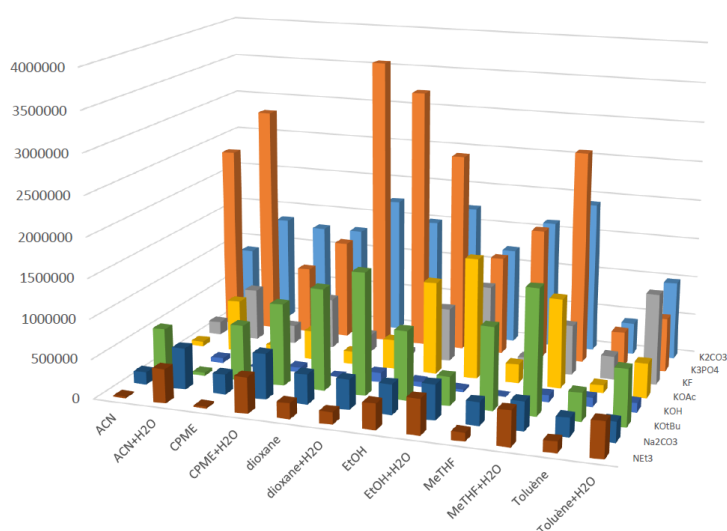


Fast screening

- Catalysts, reagents, solvents, bases...

Various reactions

- Catalysis, organocatalysis, organic synthesis

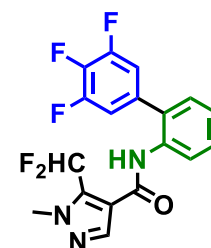
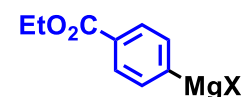
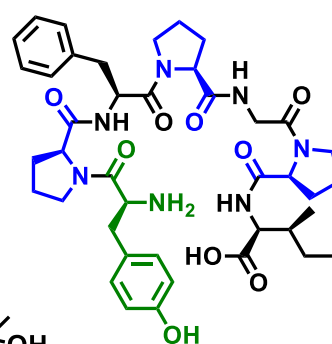
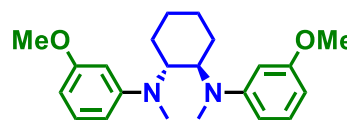
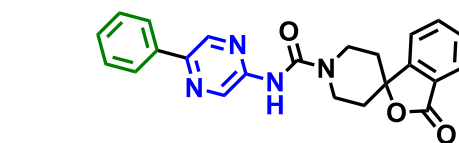
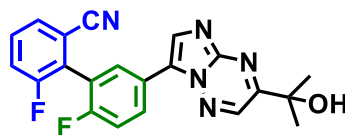
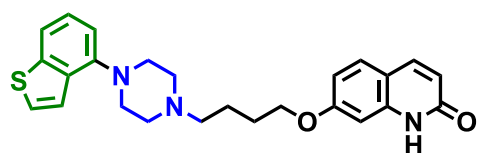


HTE: the perfect tool for fine reaction optimization

Expertise and services in organic chemistry

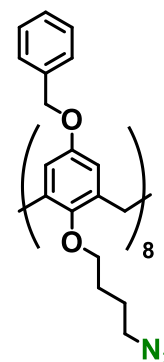
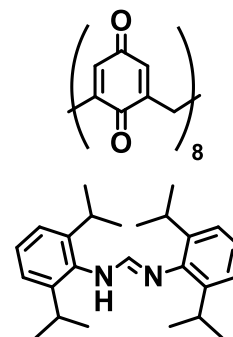
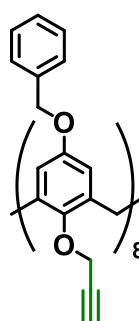
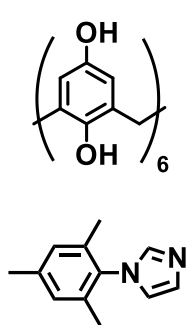
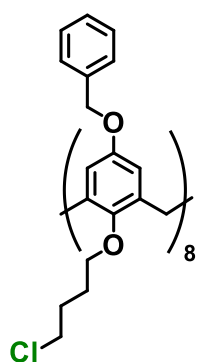
Custom synthesis

- Multistep synthesis (100 mg to 1 kg)
- Heterocycle synthesis
- Organometallic chemistry
- Peptide coupling
- API's library preparation
- Product purification

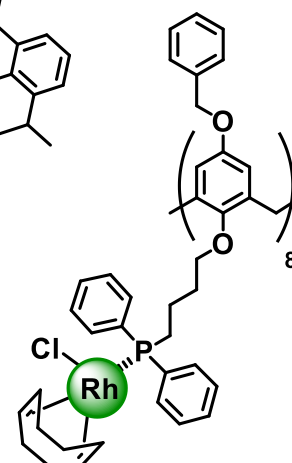
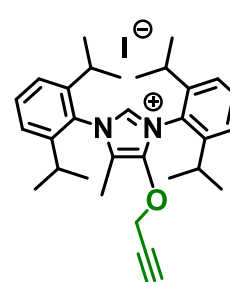
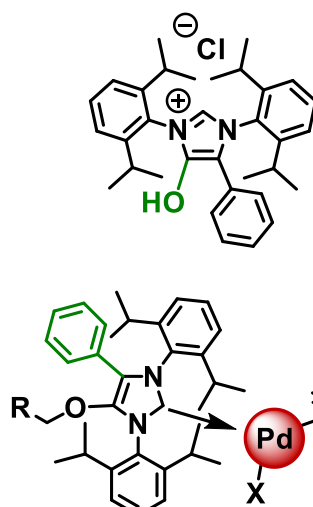
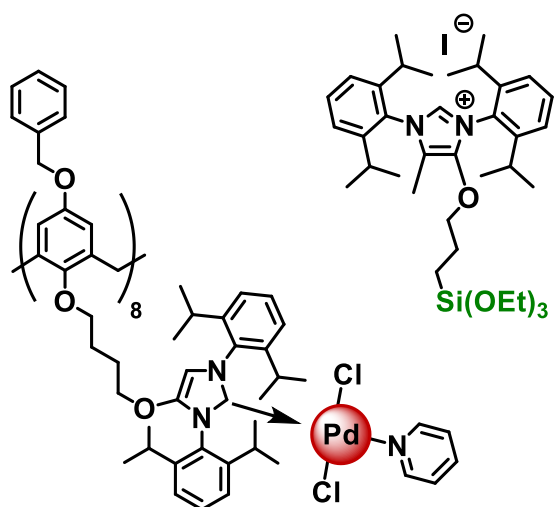


We use our skills to solve your organic challenges

Our product portfolio



Useful intermediates to trigger your creativity



Performant catalysts and ligands