

Selective methods for medicinal chemistry



En bref

- **Langue(s) d'enseignement:** English
- **Forme d'enseignement :** Cours TD
- **Ouvert aux étudiants en échange:** Non

Présentation

DESCRIPTION

The quest for new therapeutic agents requires, for both industry and academic, methods that are sustainable and chemoselective. In this context, the course will present methods for C-C and C-X bond formation based on one or two electron processes. A particular emphasis will be put on the illustration of this methods on large scale synthesis in the context of medicinal chemistry . Transition-metal catalyzed and radical processes will be independently discussed before merging to radical-polar cross-over reactions eventually leading to photoredox chemistry.

Palladium vs Copper for C-N bond formation

Selectivity in free radical chain reaction.

Non-chain free radical processes. Radical-polar cross over.
Photoredox chemistry

HEURES D'ENSEIGNEMENT

Selective methods for medicinal chemistry	Cours Magistral	20h
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PRÉ-REQUIS NÉCESSAIRES

Basics of organic and organometallic chemistry

En bref

CONTACTS

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