

Key Technology Areas

Coupling reactions

Selected examples from our broad toolkit:

- α -Keto-Arylation
- Kumada Coupling
- Buchwald-Hartwig C-N Coupling
- Suzuki Cross-Coupling
- Heck Coupling
- "Gooßen" Cross-Coupling
- Cyanation
- Carbonylation

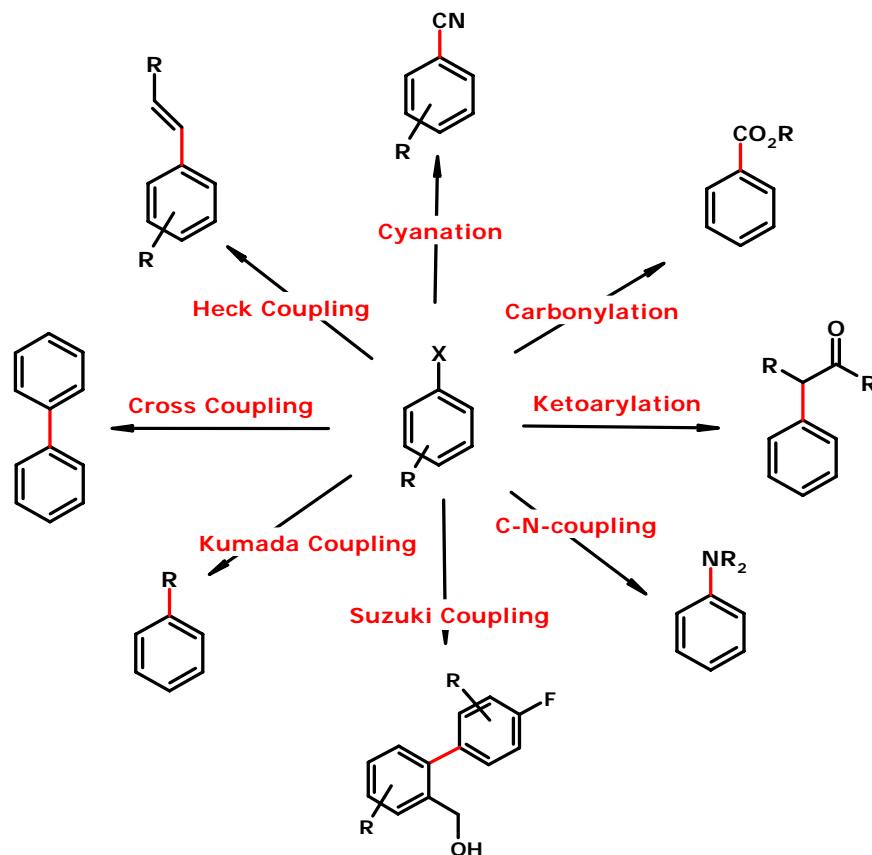


Coupling Reactions

Selected examples from Saltigo's portfolio of coupling reactions

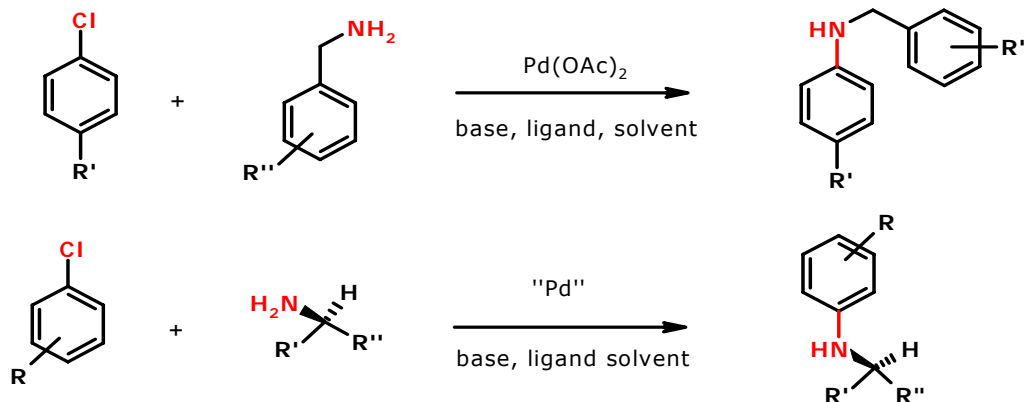
Saltigo offers

- catalyst screening and optimization
- removal of metal residues
- ligand synthesis
- catalyst preparation



Buchwald-Hartwig C-N-Coupling Reactions

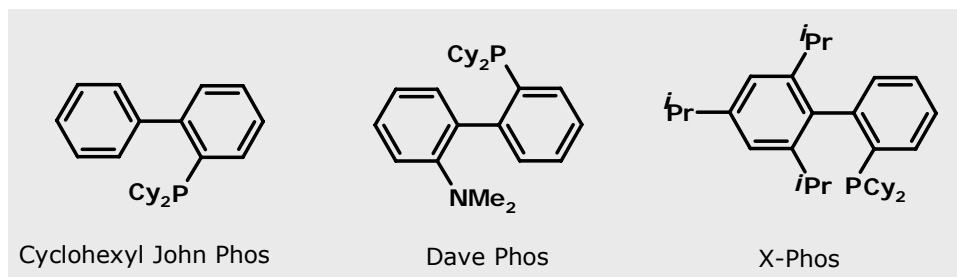
Custom synthesis applying in-licensed MIT-technology for Buchwald's biphenyl ligands



Saltigo's "all-inclusive" service

- Saltigo has licensed MIT-technology for custom synthesis
- no additional license fee for customers

- ligands:



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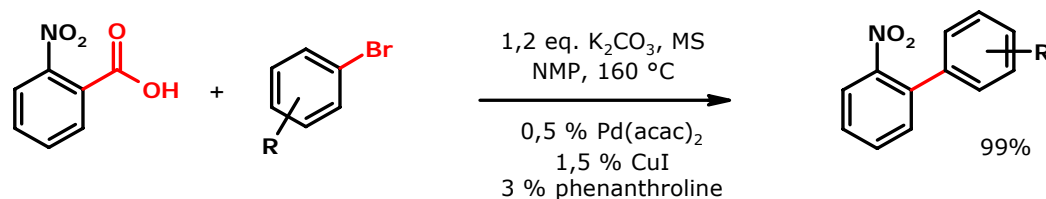
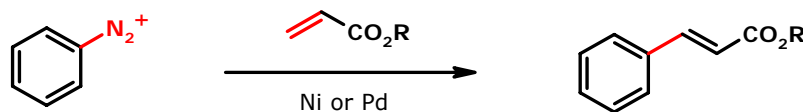
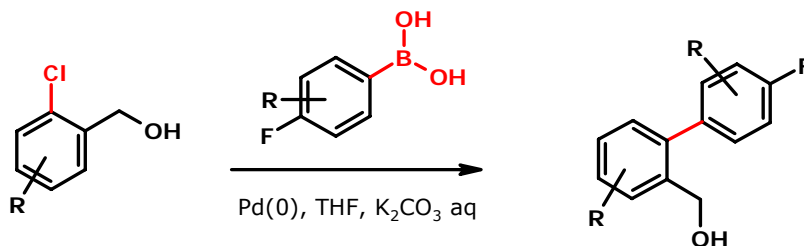
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History | Saltigo | Service | Technologies | Development | Manufacturing | Quality | What's new | Additional Info

Key Technologies | Classic Reactions | Exceptions

Coupling Reactions

Suzuki, Heck and "Gooßen" Couplings



Innovation through

- a multidisciplinary approach
- collaboration with academic institutions

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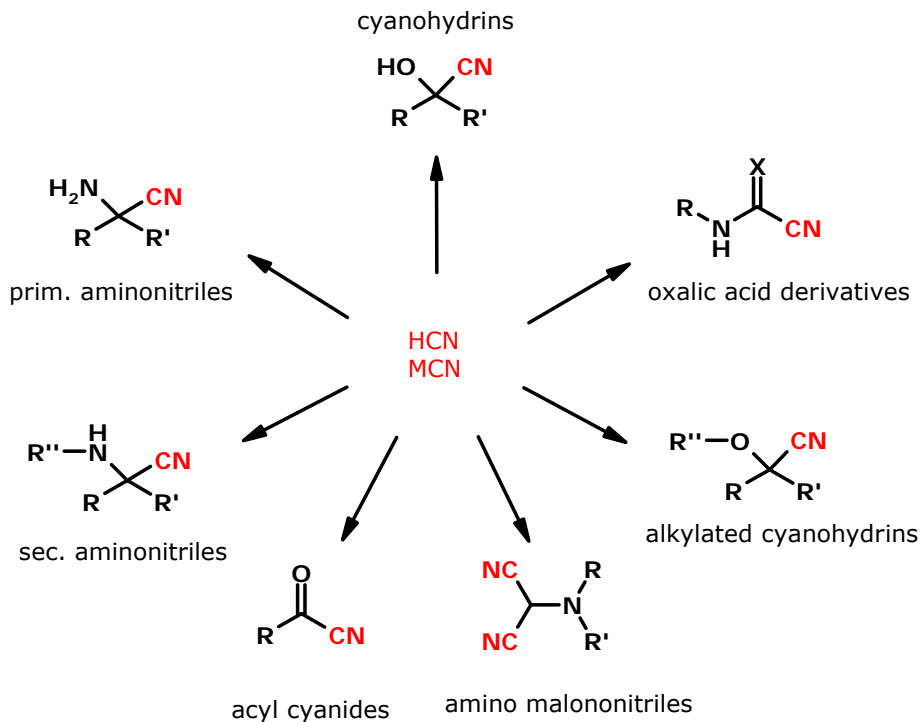
Key Technologies | Classic Reactions | Exceptions

Cyanation

Versatile building block for further advanced chemistry

Saltigo offers

- custom synthesis from gram to kilogram scale
- scale-up to multi ton level
- innovative processes



Carbonylation

Access to a wide variety of (hetero)aromatic carboxylic acids, derivatives and aldehydes

Saltigo offers

- extensive catalyst screening possibilities
- high level of scientific and technical know-how (safe and efficient handling of toxic CO under pressure on lab and technical scale)
- carbonylation of halides (also deactivated substrates) and diazonium salts

