

Classical Organic Chemistry

Decades of Experience in Process Chemistry

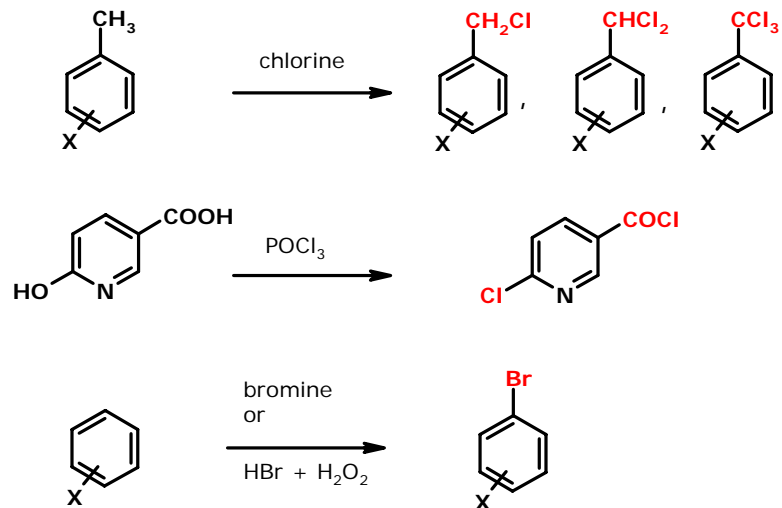


Selected examples established chemistry

- Friedel-Crafts reactions
- Chlorination and bromination
- Nitration
- Sulfonation
- Oxidation
- Multifunctionalized aromatic rings

Chlorination and Bromination

Saltigo has decades of experience in chlorinations and brominations

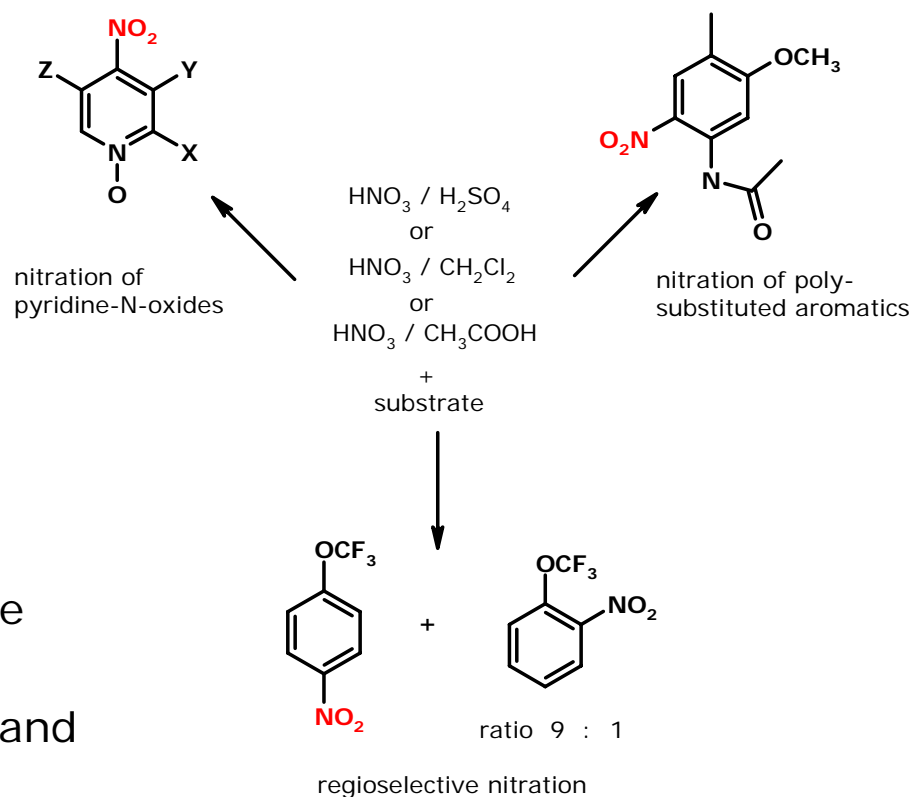


Halogenation agents

- POCl_3 , PCl_5
- N-chloro succinimide
- Thionylchloride
- Sulfurylchloride
- Bromine
- N-bromo succinimide
- $\text{HBr} + \text{H}_2\text{O}_2$

Nitration

Fine tuning of classic reactions in order to control regioselectivity and isomer distribution

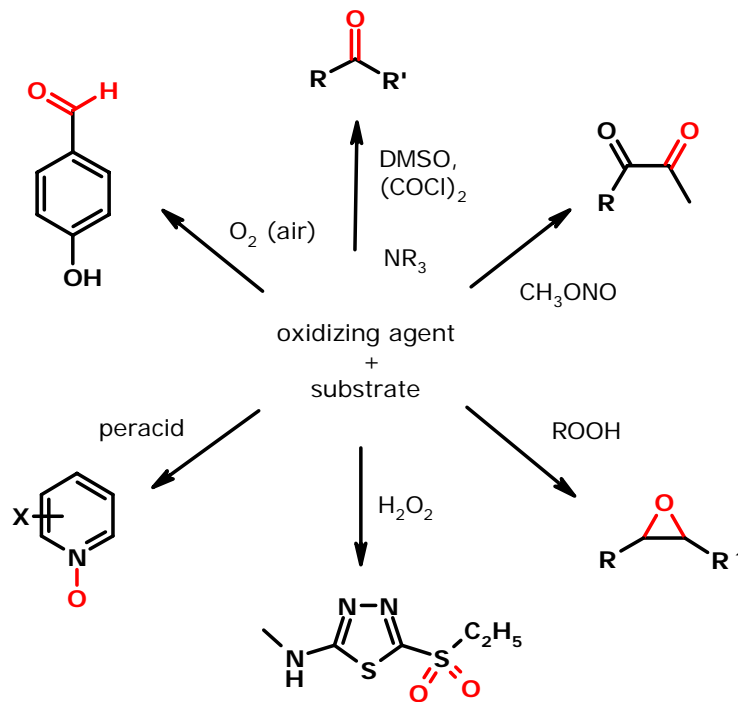


Saltigo has

- more than 100 years of experience
- thousands of procedures available in process development and production

Oxidation

Saltigo offers a variety of oxidation methods for all kinds of substrates

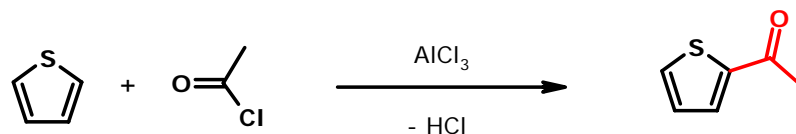


Saltigo is able to use

- Swern conditions
- TEMPO oxidations
- hydrogen peroxide and air oxidation
- methylnitrite oxidation

Friedel- Crafts Chemistry

Friedel-Crafts reactions and related transformations are basic tools of organic chemistry



Saltigo offers

- Friedel-Crafts reactions in halogenated solvents on technical scale
- e.g. acetylated thiophene in ultrahigh isomeric purity and in a > 1000 mt/a capacity