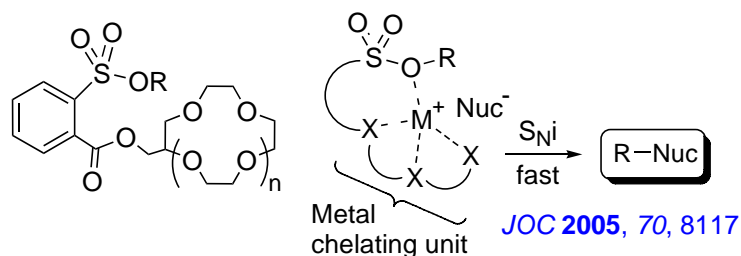


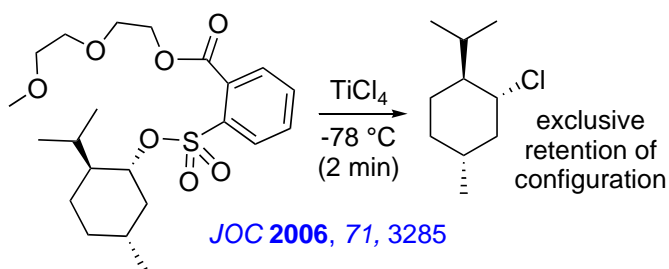
Overview of Research in the Lepore Group

Nucleophile Assisting Leaving Groups (NALGs)

Design of New Leaving Groups

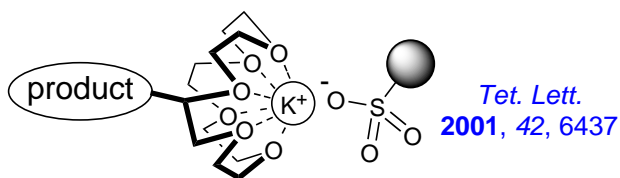


Chlorination with Retention of Configuration

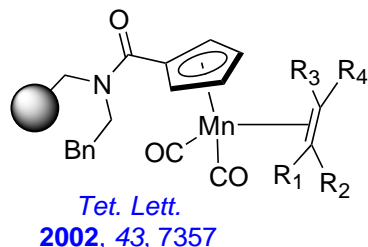


Synthesis Methodology

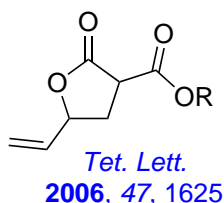
Ionizable Phase Labels



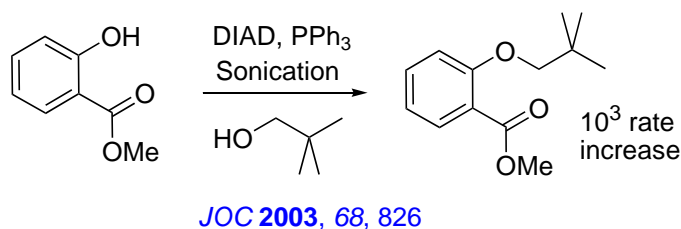
Olefin Traceless Linker



Efficient Synthesis of γ -butyrolactones

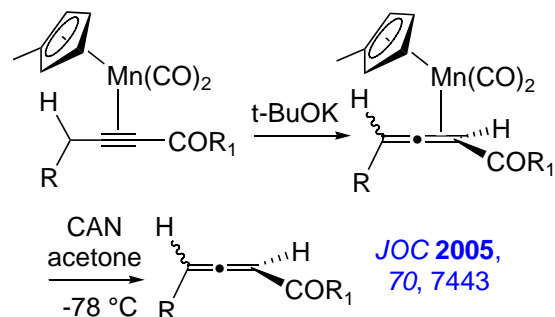


Sonicated Mitsunobu

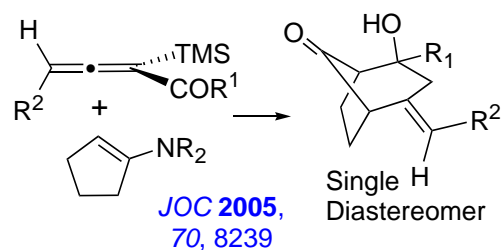


Allenyl Carbonyls (Synthesis and Application)

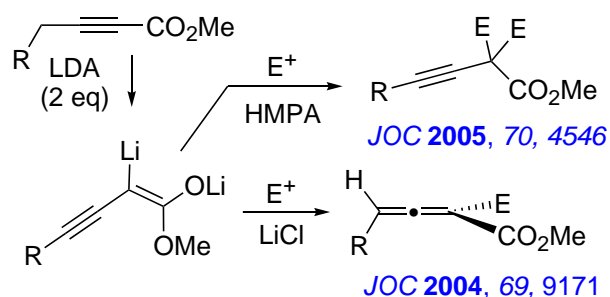
Manganese Isomerization



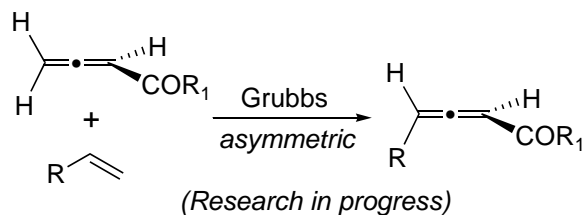
Enamine/Allene Addition



Novel Ynenolate Mechanism



Asymmetric Allene Metathesis



Four Patents

- FAU - Chemical Method (1)
- Lilly - Solid Phase (2)
- Lilly - Medicinal Chem (1)