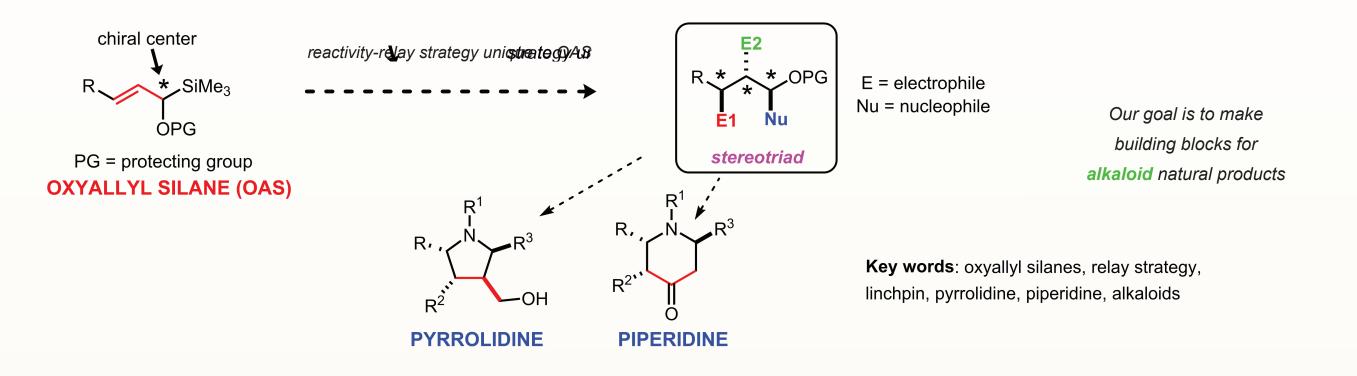
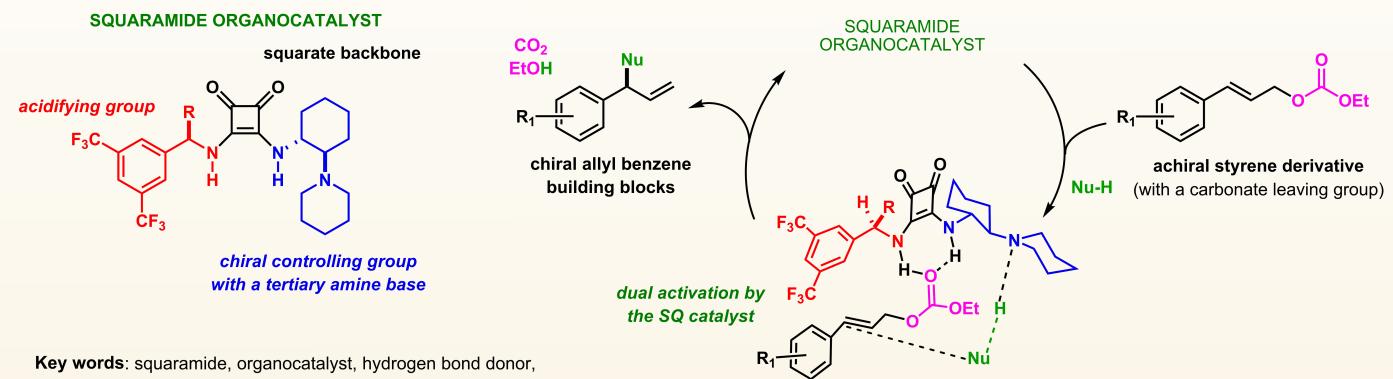
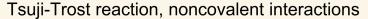


## Oxyallyl Silanes as a Three-Carbon Traceless Linchpin to Build Complex Stereotriads



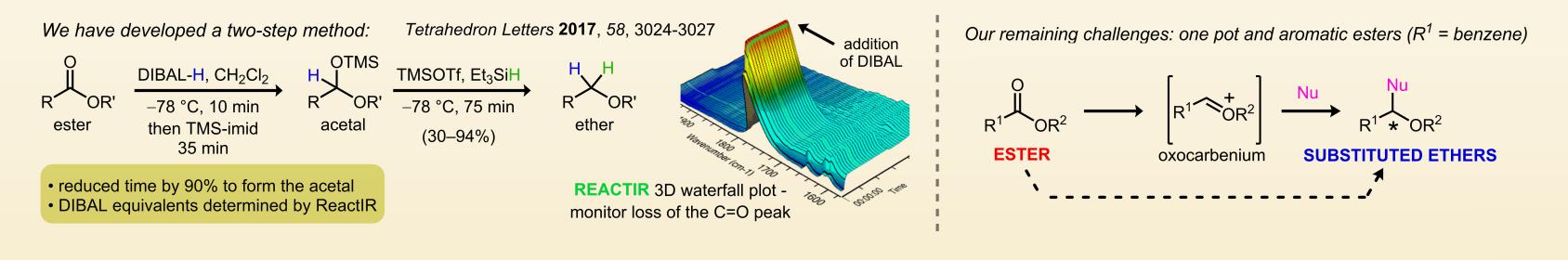
## Rational Design of Organocatalysts to Catalyze New Reactions





## transition state

## Synthesis of Substituted Ethers via a non-Traditional Ester Reduction



Key words: ester reduction, ReactIR, ether synthesis, oxocarbenium ion



**Research Areas:** New reaction development to form heterocycles, synthesis of novel organocatalysts, NMR spectroscopy tools to analyze small molecules