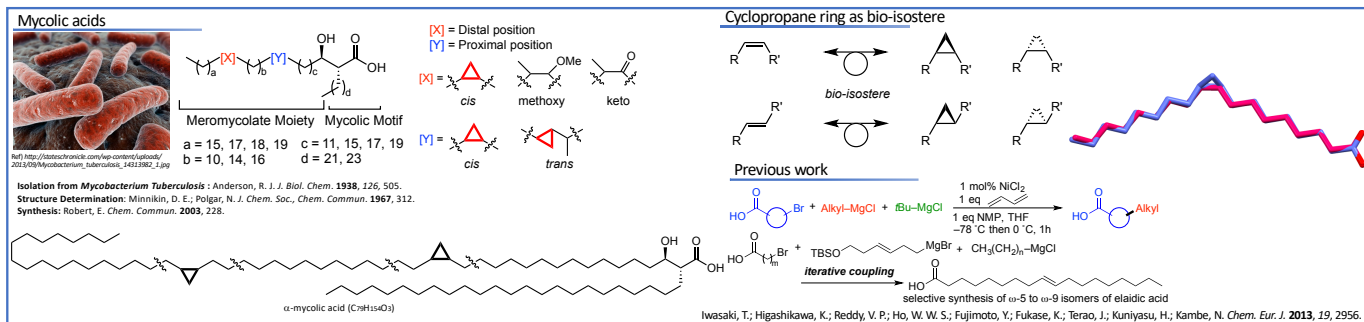
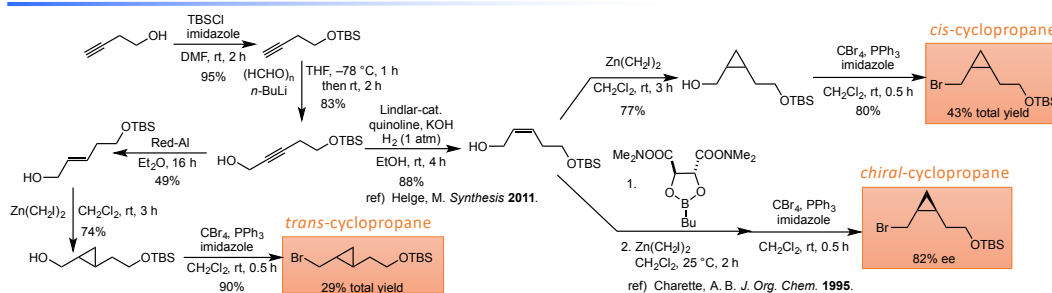




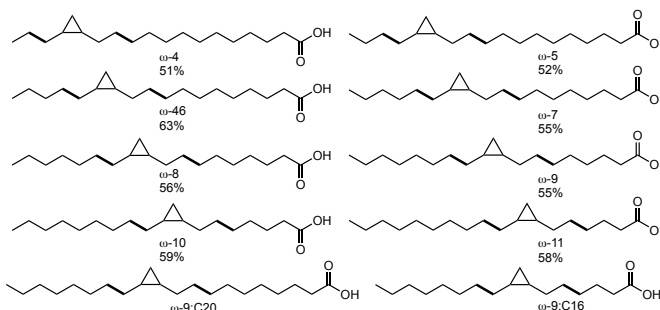
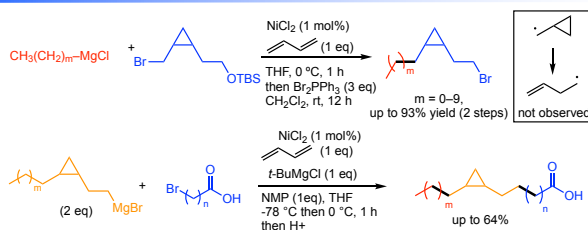
## Introduction



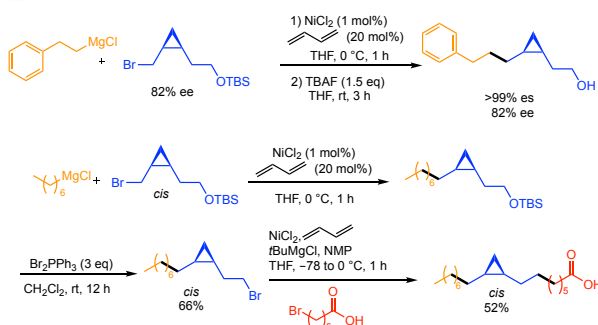
## Synthesis of building blocks



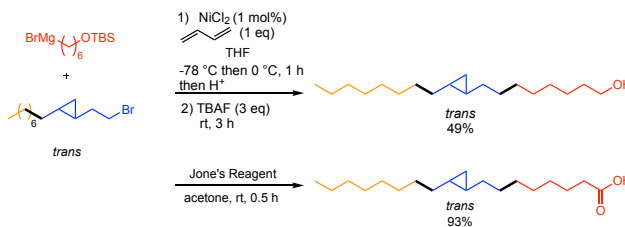
## Synthesis of *cis*-cyclopropane fatty acids



## Synthesis of enantioenriched *cis*-cyclopropane fatty acids



## Synthesis of *trans*-cyclopropane fatty acids



## Formal total synthesis of $\alpha$ -mycolic acid

