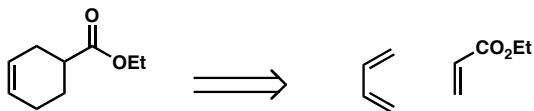


Chem 41c Quiz 5

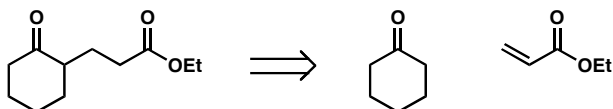
Stoltz, Spring 2006
May 31, 2006

Provide a single simplifying disconnection for the following Target Molecules.

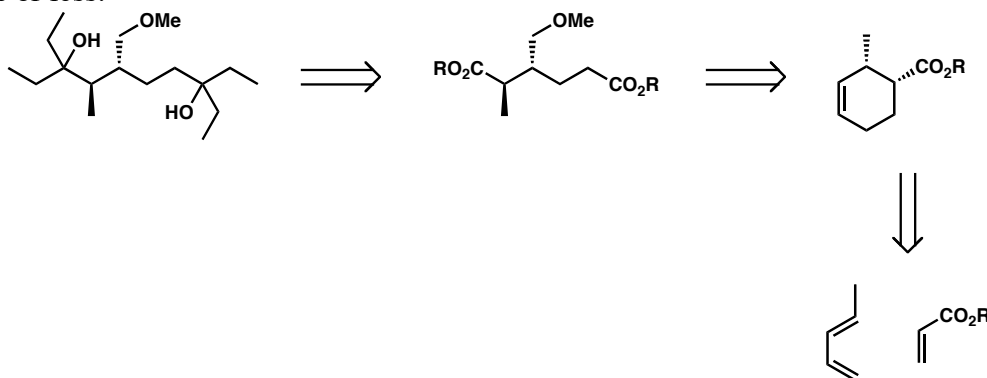
1.



2.

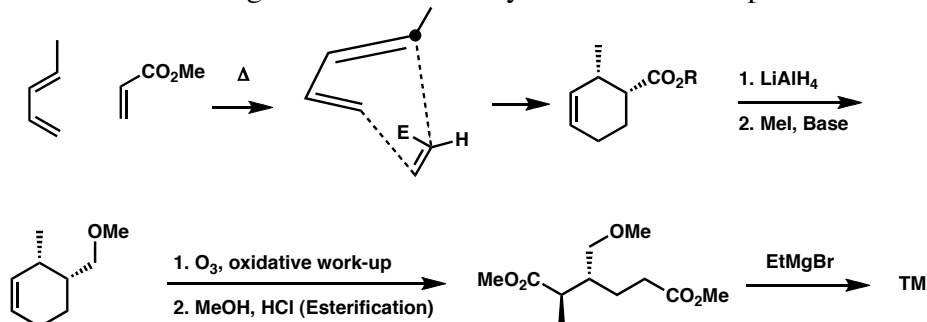


3. Provide a detailed retrosyntheses for the following Target Molecule that arrives at starting materials of 4 carbons or less.



Bonus (5 points)

Provide reagents for a forward synthesis of the last problem.



TA's: please give partial credit for #3 and the bonus.