

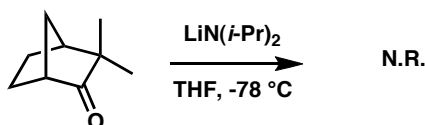
Chem 41c Quiz 5

Stoltz, Spring 2008
May 16, 2008

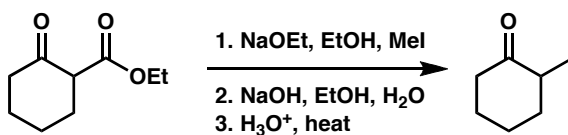
You have 25 min to take this quiz. It is closed note, closed book, and no collaboration is allowed. Please do not discuss the quiz with anyone until you receive it back graded. Place a box around your answers. There is no partial credit.

Predict the major product (if any) or reagents needed in the following reactions: (5 points each)

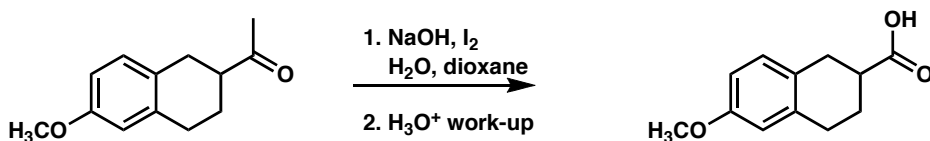
1.



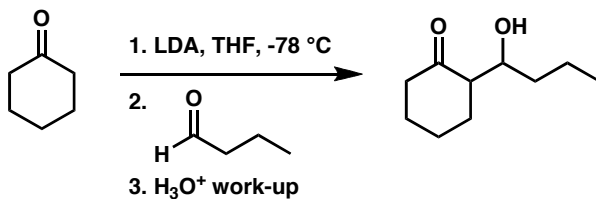
2.



3.



4.



Bonus (5 points)

Assume the reaction described in problem 4 proceeds via a closed transition state. What is the major stereoisomer you would predict and provide a mechanistic rationale. (partial credit will be granted)

