

Name: _____

Chem 41c Quiz 4

Stoltz, Spring 2010

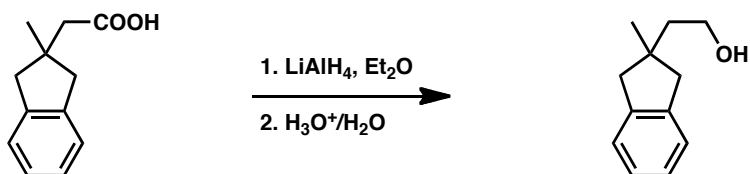
May 7, 2010

Due May 7, 2010 9:55 AM

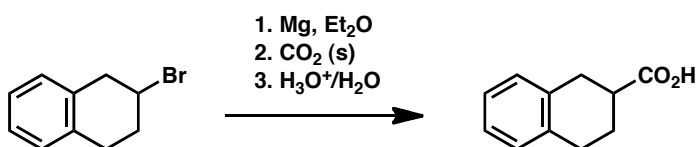
You have 25 min to take this quiz. It is closed note, closed book, and no collaboration is allowed. Please do not discuss the quiz with anyone until you receive it back graded. There is no partial credit. Please **BOX** your answer for each question.

Predict the products of each reaction. (5 points each)

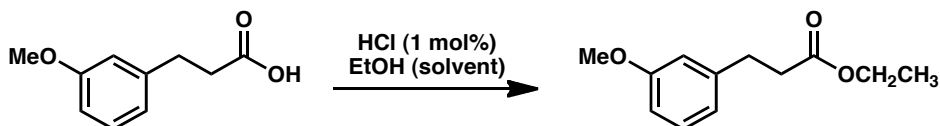
1.



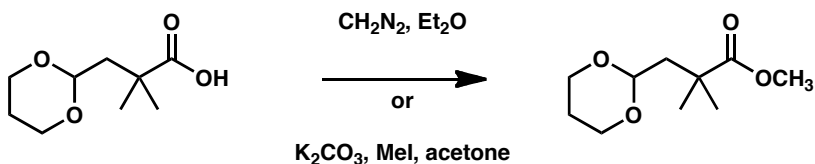
2.



3.

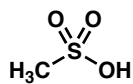


4. Provide a reagent or reagents to accomplish the following transformation.



Bonus (5 points)

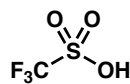
Rank the following in terms of relative acidity.



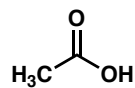
A



B



C



D

Most Acidic



Least Acidic

C

A

D

B

Which has the lowest pKa?

C