## Chem 41c Quiz 6

Stoltz, Spring 2010 May 21 2010 **DUE: May 26, 2010 at 9 am** 

You have 30 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.

Name
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Predict the products (if any) of the following reactions. (5 points each)

3. mild H<sub>3</sub>O<sup>+</sup> work-up draw all four possible stereoisomers

4. Provide reagents for the following transformation (5 points).

## Bonus (5 points-partial credit will be given at the discretion of the grader) What is the structure of LDA? What is it useful for? How do you make it?

used for quantitative, irreversible deprotonations.

