Chem 41c Quiz 7

Stoltz, Spring 2011 May 27, 2011 Due June 1, 2011 9:00 AM

You have 60 minutes 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. The quiz is worth 25 out of 20 points.

Name			

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Quiz, *Grade*_____

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Circle the compounds containing aromatic heterocycles. (5 points)

2. Provide two distinct retrosyntheses for the following compound each going back to starting materials of 8 carbons or less. (10 points-partial credit will be given)

Some possibilities:

3. Propose a forward synthesis of the following compound starting from organic materials of 7 carbons or less. You may use the tools of retrosynthetic analysis if you choose, but you will be graded on the actual synthesis. (10 points-partial credit will be given)

Possible route:

