Chem 41c Quiz 6

Stoltz, Spring 2009 May 29, 2009

DUE Monday June 1, 2009 at 9 AM (before class)

Do not open, until you are ready to begin.

You have 30 min to take this Quiz.

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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.

Predict the major organic products of the following reactions: (5 points each)

1.

2.

NHCH₃ + O pyridine, CH₂Cl₂

N

either is acceptable (5 point bonus if they have both)

Provide reagents for the conversion of **1** to **2**. (5 points) 4.

Bonus (5 points)

In class we learned about retrosynthetic analysis. Please provide at least two retrosyntheses for the following compound that could be described as "strategically simplifying".

TA's...please be very easy on the details. The most critical part is the bond breaking.

