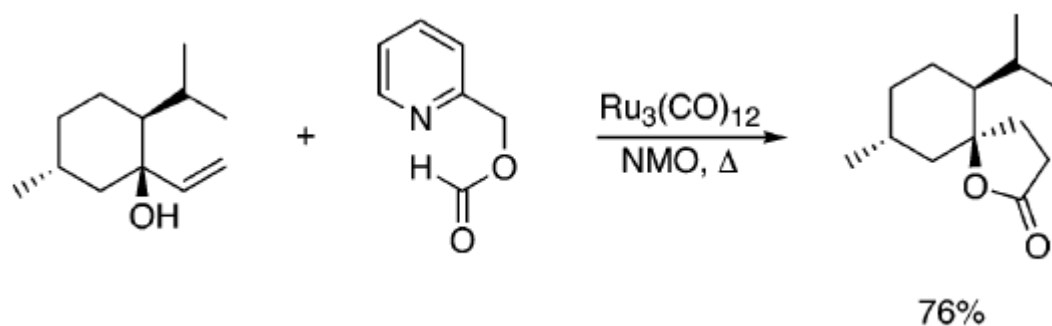# Group meeting problems

February 8th, 2010

Alieh Kazemeini

1. Please provide a mechanism for the following transformation:

76%

2. Please provide a mechanism for the following transformation which explains the high levels of selectivity :

racemic

10 mol % **A**
i-Pr$_2$EtN (1 equiv)

CH$_2$Cl$_2$, 12 hr
40 °C

80% yield
93% ee

A