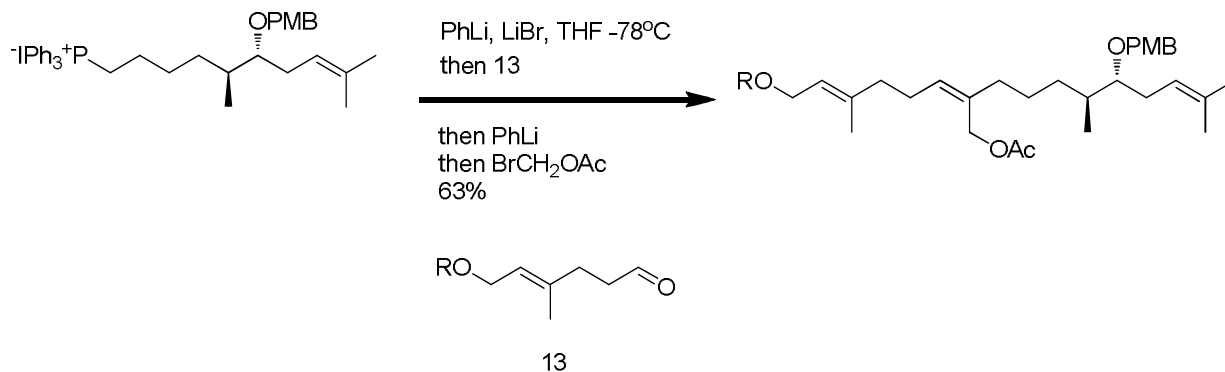


August 24, 2010 Group Meeting problems

Problem 1: Please provide a complete stepwise mechanism for the following transformation. Would it be possible to make the same transformation E selective without changing the electrophile? Why or why not?



Bonus: What is this reaction called?

Problem 2: Please provide the mechanism for the following reaction. Bonus: Rationalize the diastereomeric outcome.

