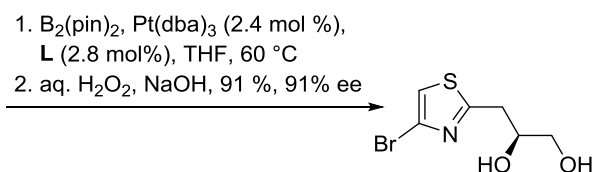
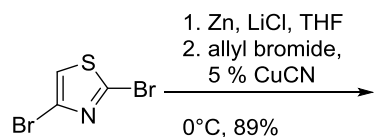


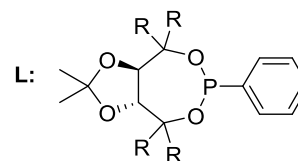
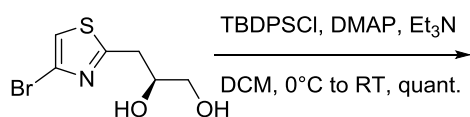
Total Synthesis of a Pateamine A Analogue with In Vivo Anticancer Activity Based on an Iron-Catalyzed Pyrone Ring Opening/Cross Coupling

EAA-Group Problems 01.11.2016

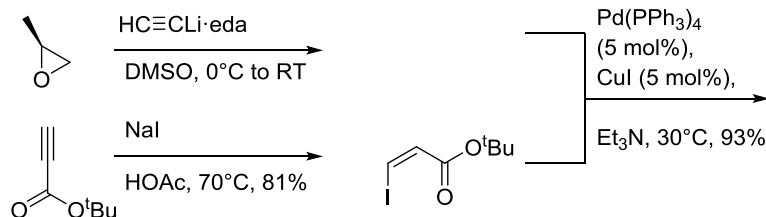
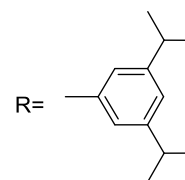


Draw a plausible mechanism.

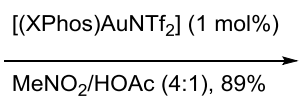
Which other reaction accomplishes this transformation?



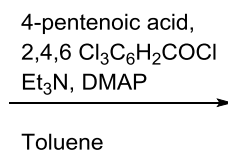
A



How can the (Z) selectivity be explained?

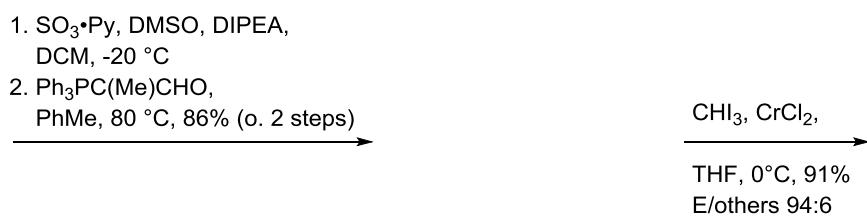
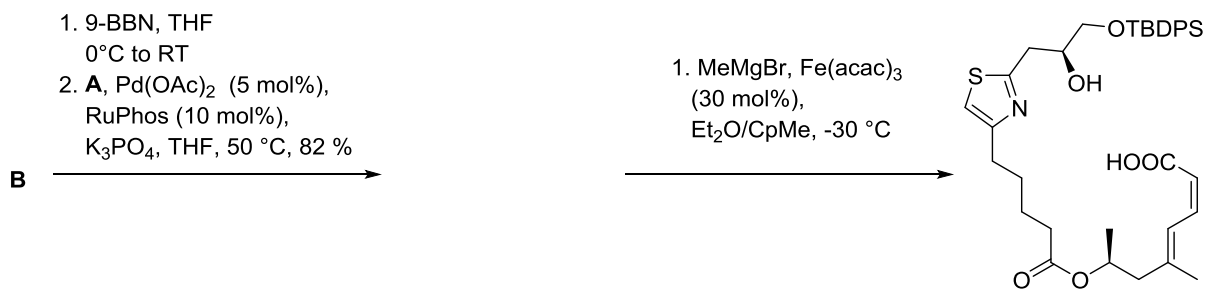


hint: a pyrone is formed



B

What is the name of this reaction?



Which other activators for DMSO are common?
Name three (+ Name of the respective reaction)

What is the name of this reaction?

