



MSM Lab Group Seminar



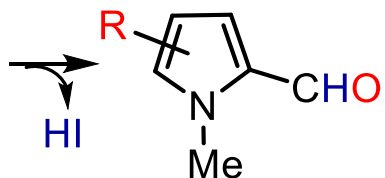
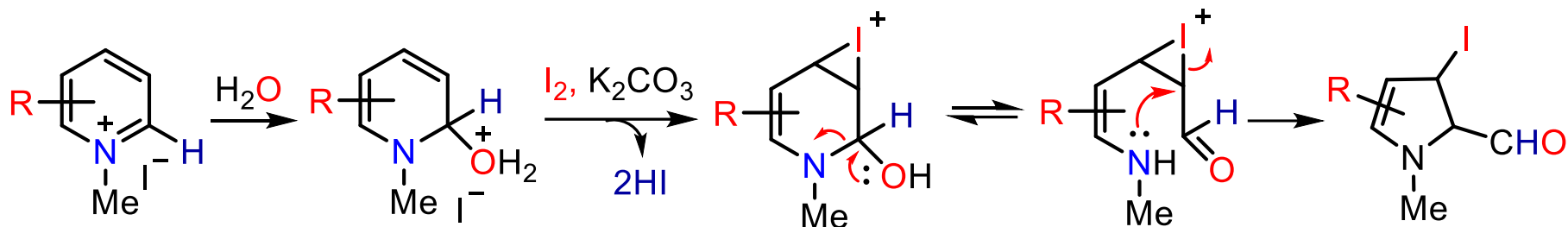
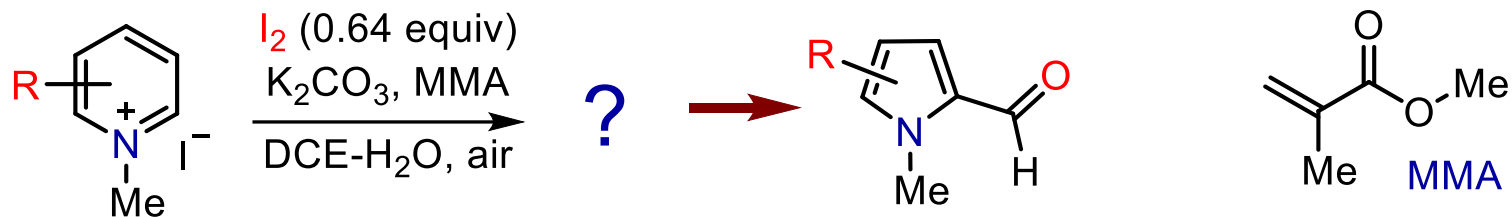
Problems and Answers Discussion



by
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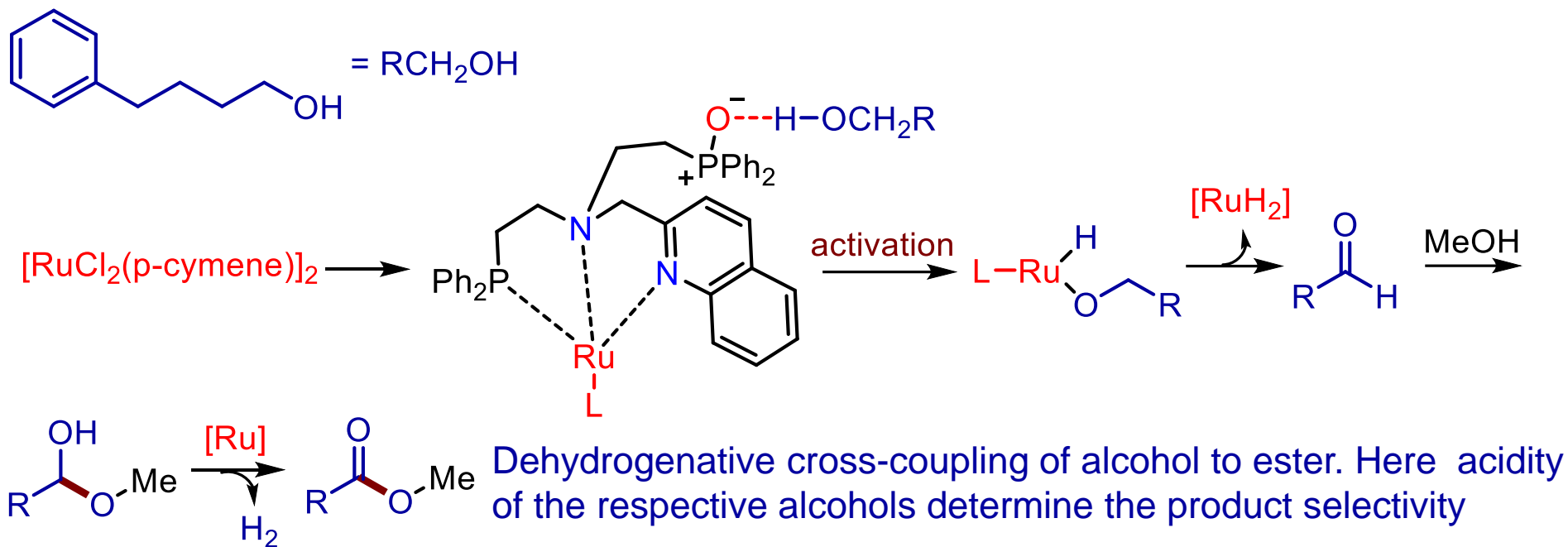
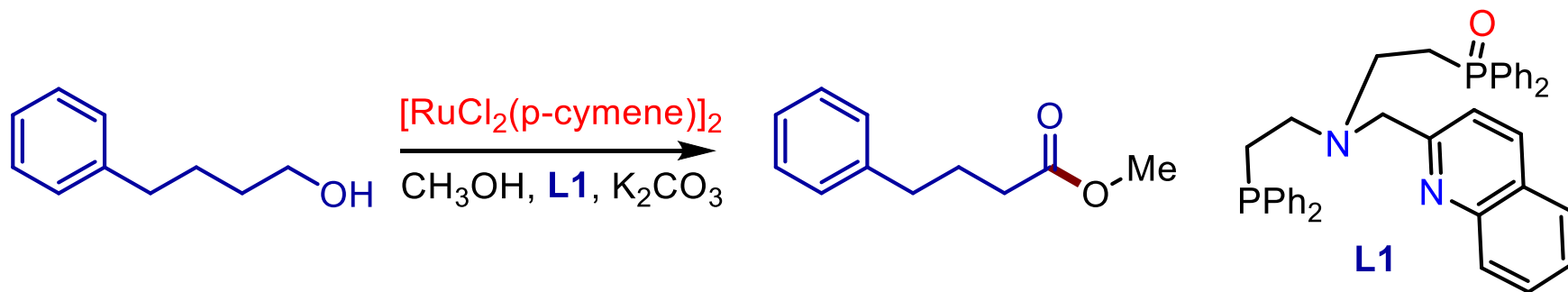


Problem 1

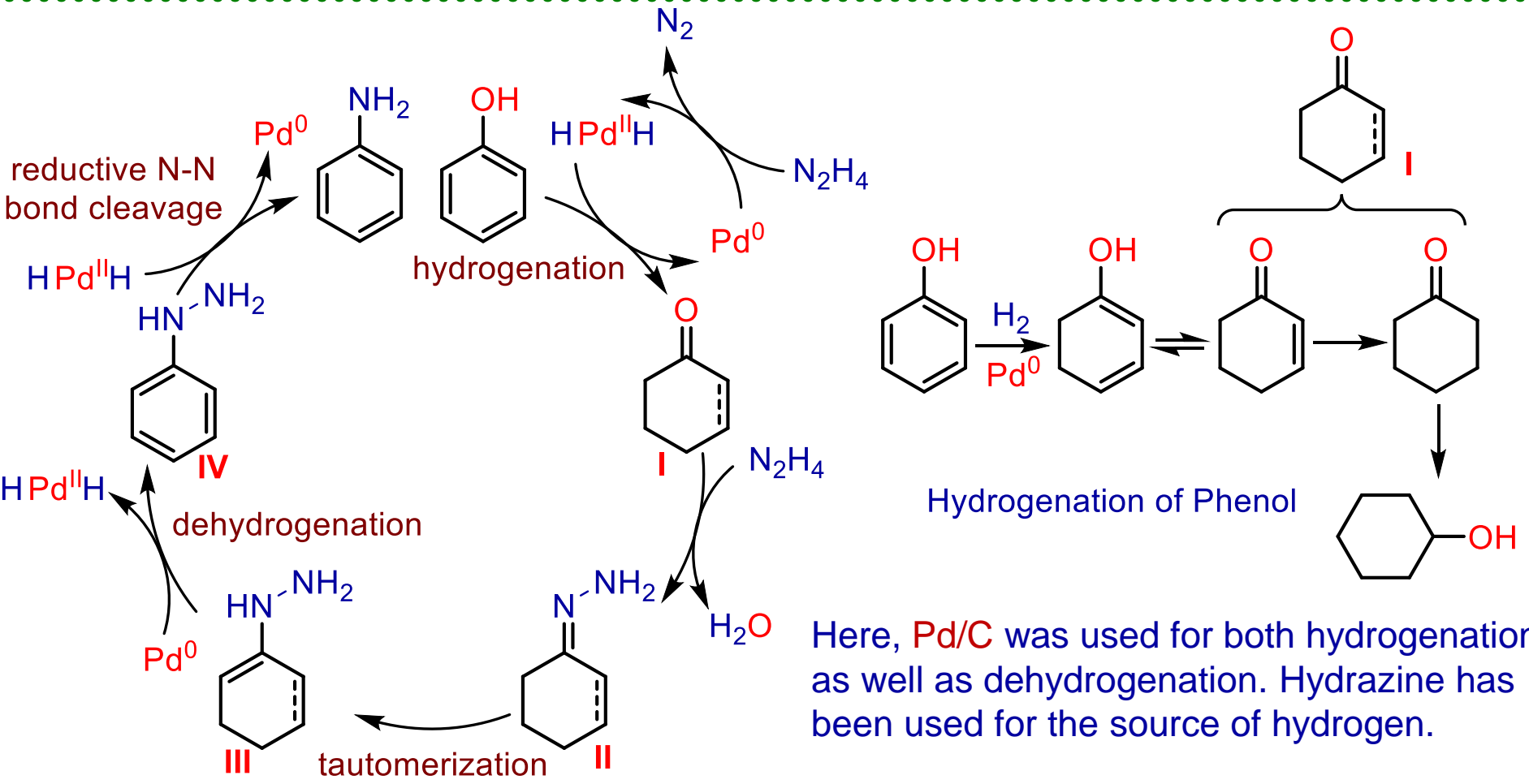
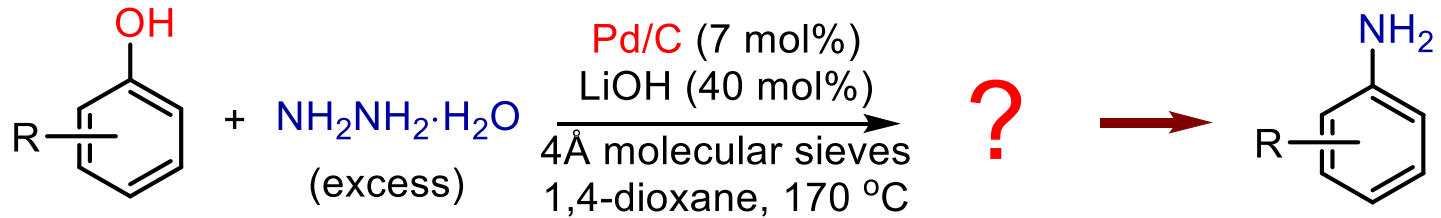


- Here, the optimal amount of iodine seems to be insufficient for the reaction, but the resulting I^- or the counter I^- of pyridinium salt was oxidized by air to iodine.
- The role of additive **MMA** is probably to capture the excess iodine present in the reaction mixture.

Problem 2

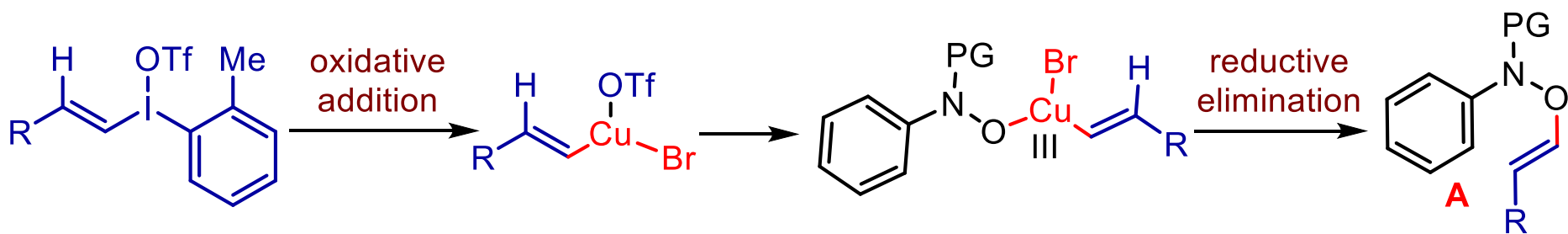
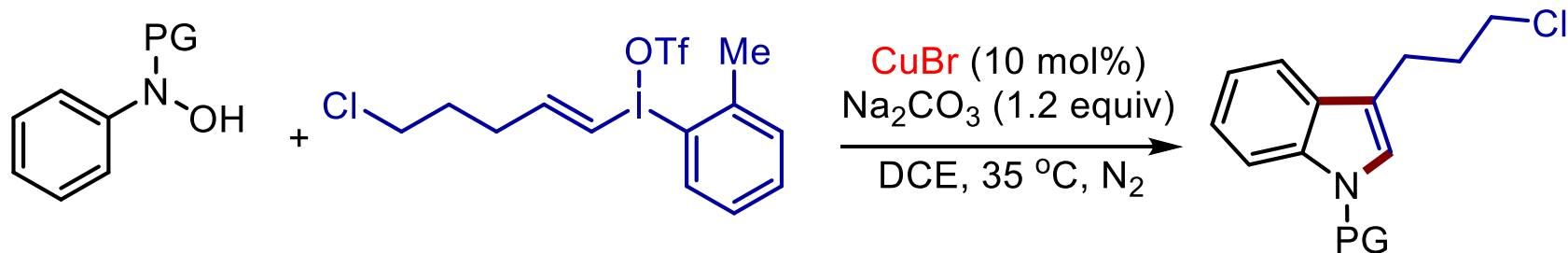


Problem 3

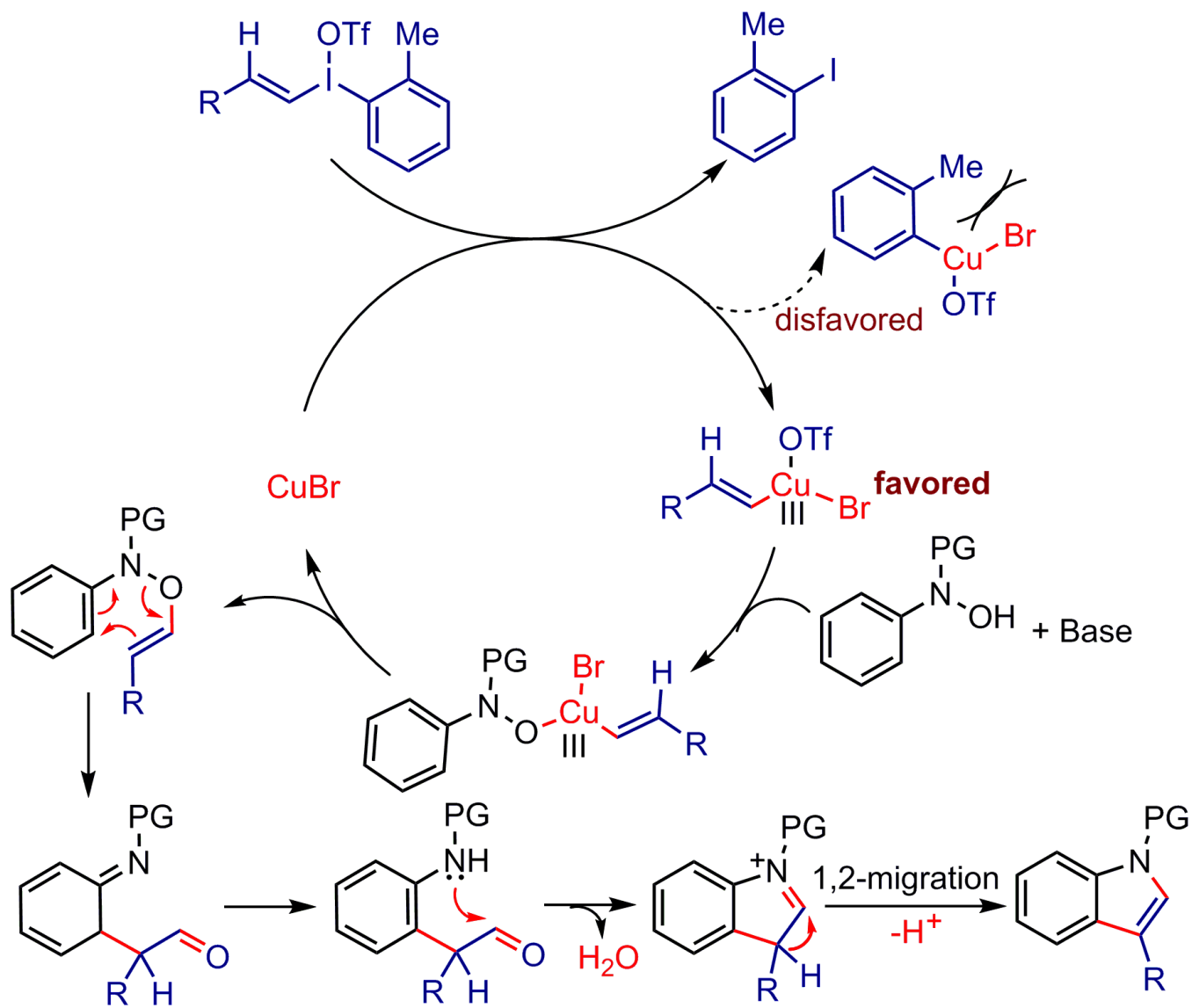


Here, Pd/C was used for both hydrogenation as well as dehydrogenation. Hydrazine has been used for the source of hydrogen.

Problem 4



Problem 4





Thank You