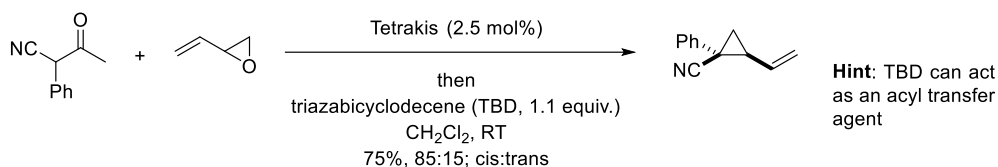
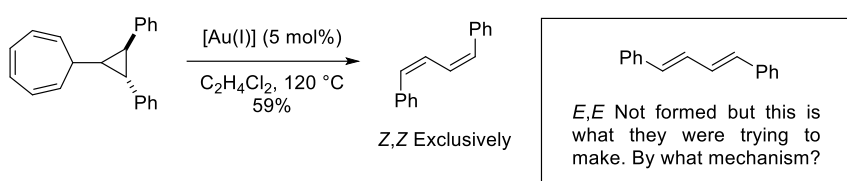
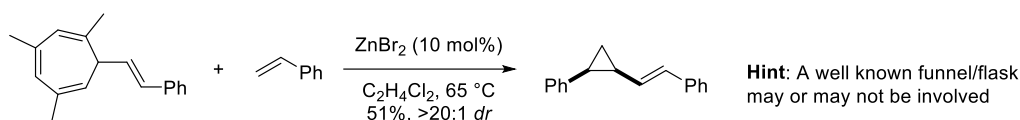
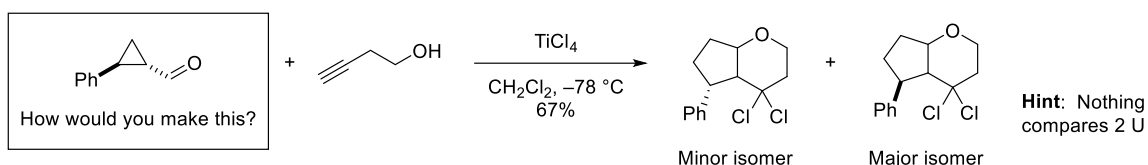


Group Problems
17th of October, 2018
Haraldur Gunnar Guðmundsson

Problem 1

Please provide mechanistic details and stereochemical rational, where applicable, for the following transformations regarding the selective use and synthesis of cyclopropanes (1 person each).



Problem 2

Please provide mechanism for the following step involved in synthesis of (-)-Pavidolide B, a potent inhibitor of human promyelocytic leukemia cell line (1 person). In addition, provide a synthesis for the vinylcyclopropane unit (any/many).

