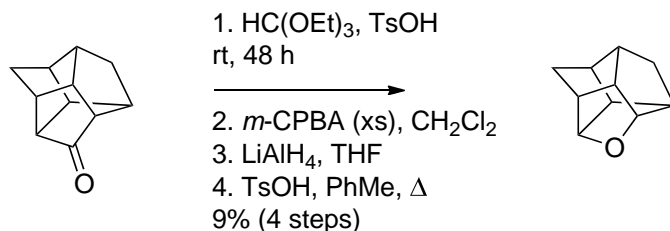


Group Meeting Questions - 19th March 2012

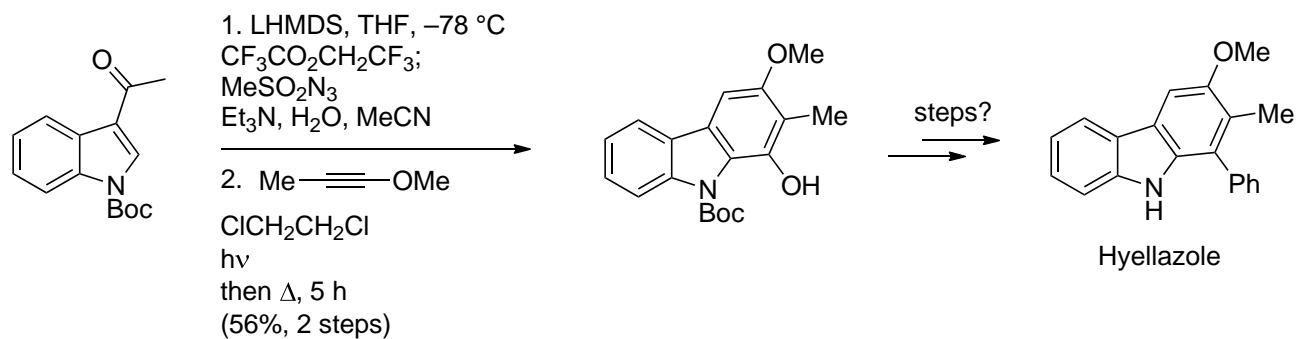
1. Please provide mechanistic explanations for the transformation of the ketone to the tetrahydrofuran.



2. Provide mechanisms for the conversion of the tricycle to the tetracyclic indole.



3. Provide mechanisms for the formation of the phenol intermediate, and suggest how the natural product hyellazole can be prepared in 2-3 further steps.



4. Provide mechanisms for the formation of the cyclopropyl alcohol intermediate, and the formation of the 5,7-bicyclic ring system.

