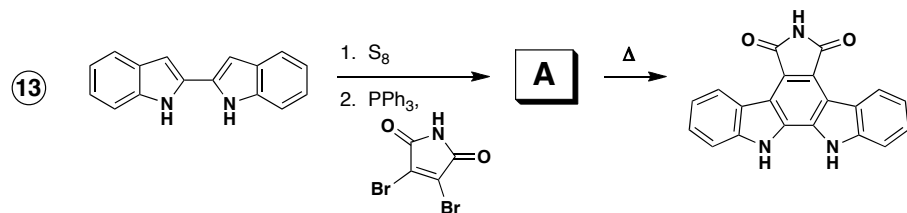
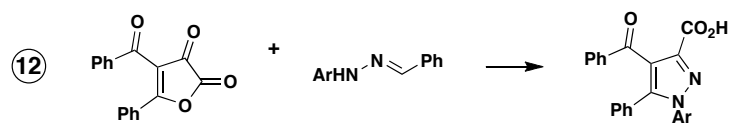
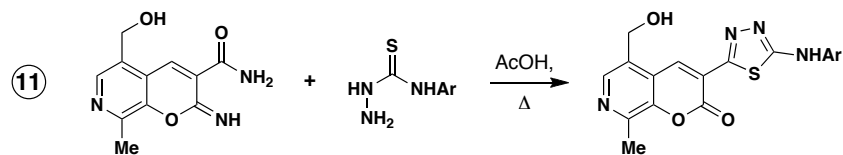
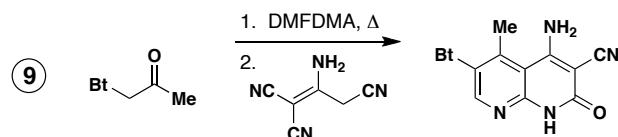
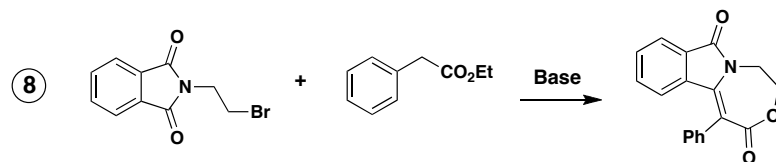
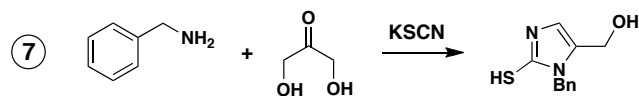
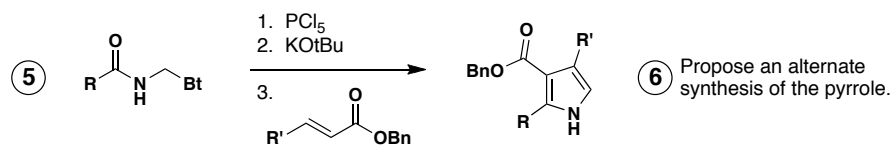
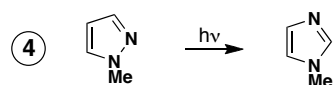
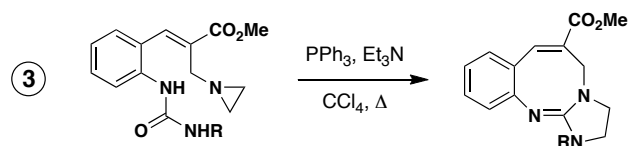
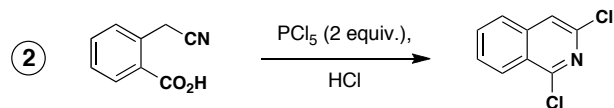
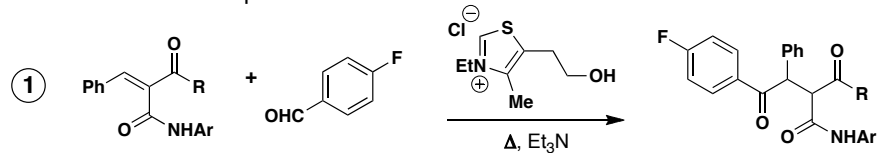
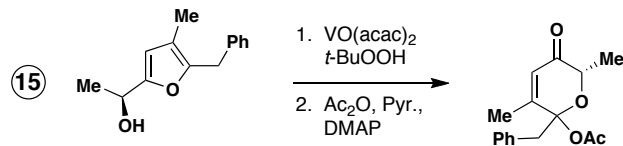
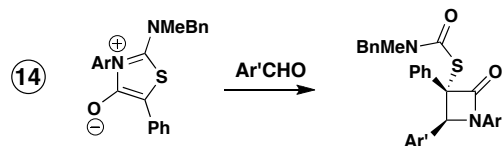


Due Date: Friday, May 4th, 2007

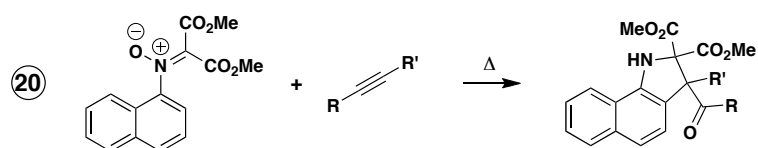
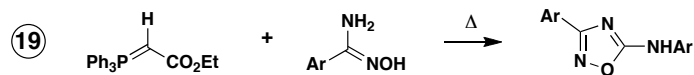
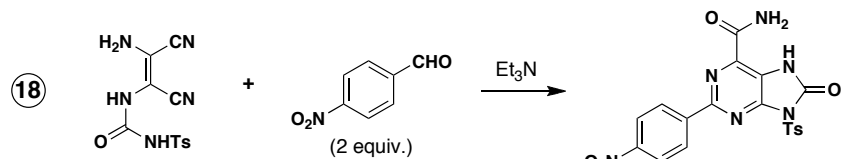
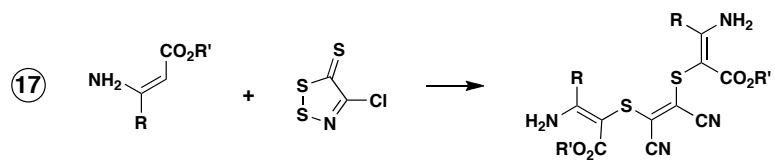
Points: 175

Please provide reasonable, arrow-pushing mechanisms for the following transformations. 5 points each.





16 Propose a synthesis of the furan



Provide simple syntheses for the following compounds. You may not use cross-coupling chemistry. You also may not use protecting groups, unless they play an enabling role (i.e. lithiation). 5 points each.

