

Cumulative Examination
Organic Chemistry

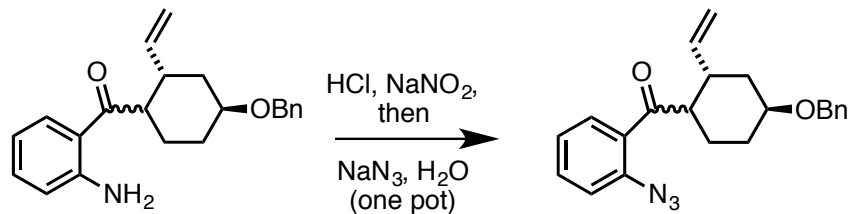
April 6, 2016

D. J. Wardrop

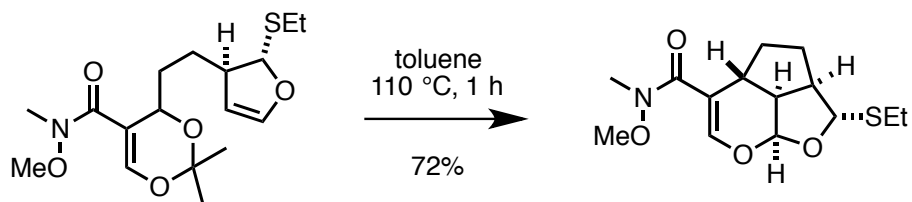
Attempt All Questions (100 Total Points)

Question 1.

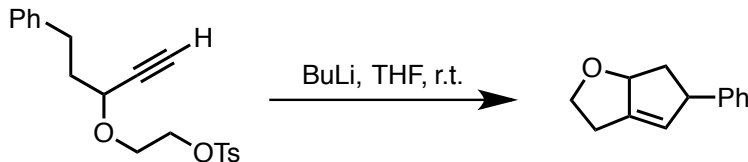
Write detailed mechanisms for each of the following transformations:



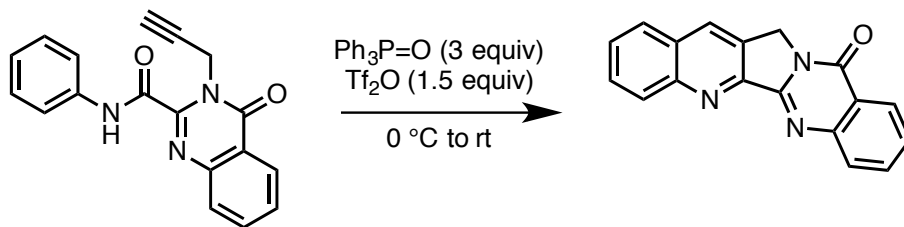
20 Points



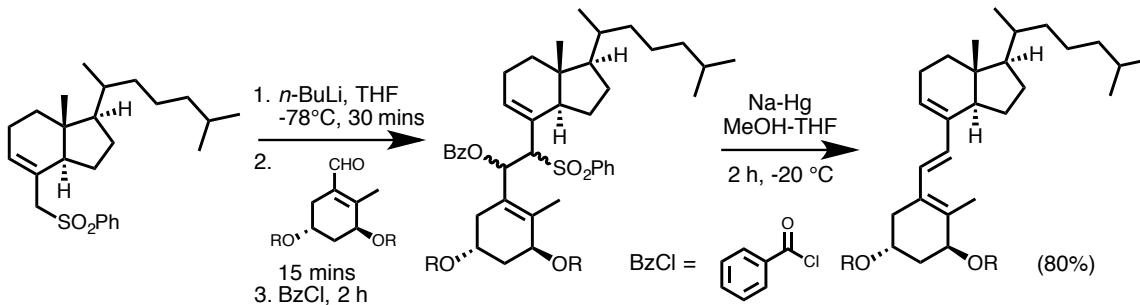
20 Points



20 Points



20 Points



20 Points

100 Total Points