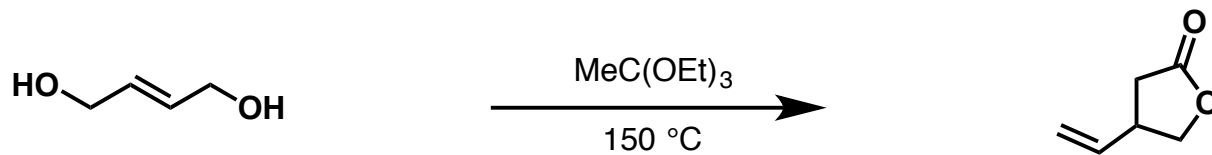
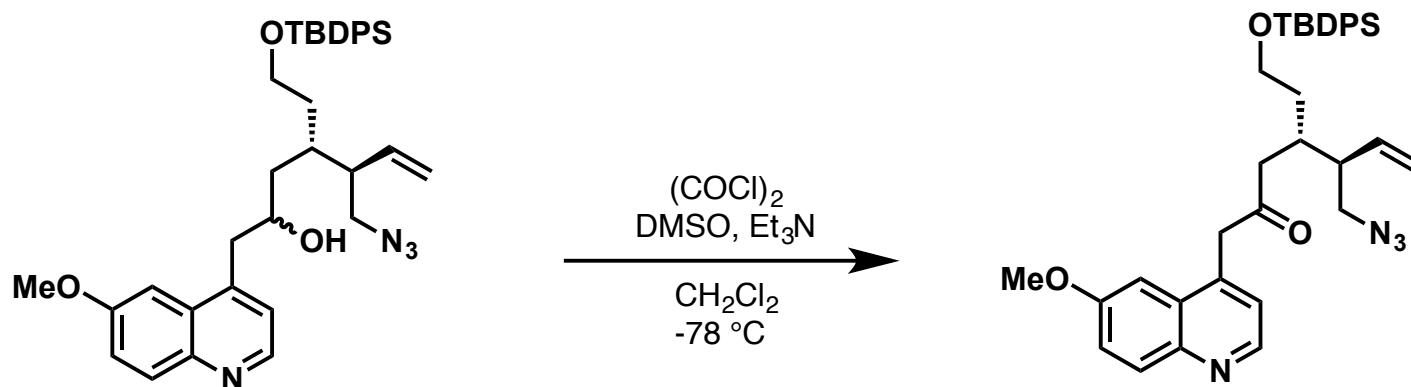


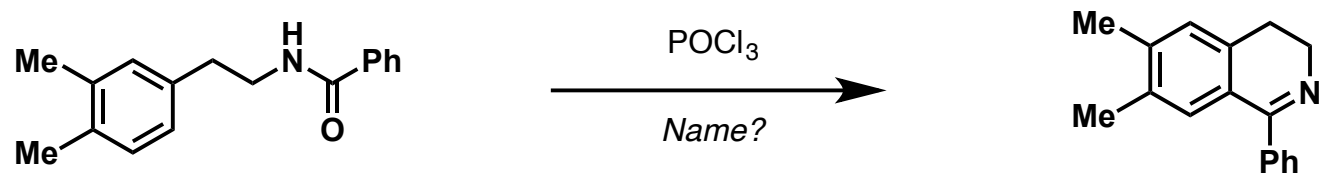
1. Synthesis of γ -lactone building block



2. Swern oxidation



3. An alternative method for the synthesis of isoquinolines



4. Bonus question

