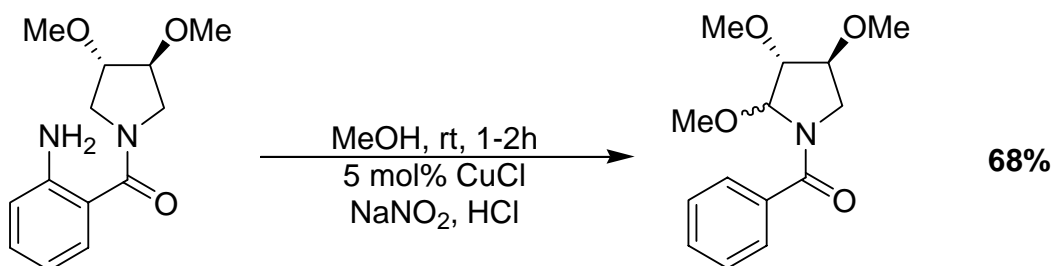


## Mechanisms Club 11/9/05

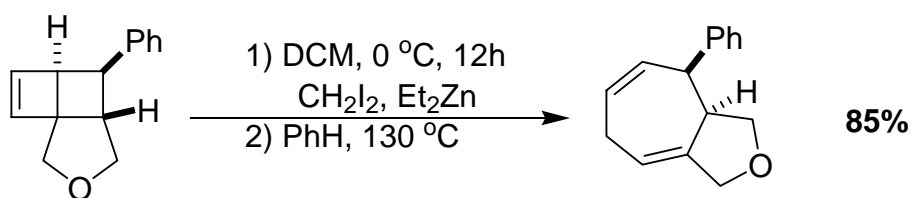
1. Give mechanism.



2. Give mechanism.



3. Paying attention to the relative stereochemistry given, give the intermediate after the first step and mechanism for the following transformation.



4. Give a mechanistic explanation for the each of the following isolated products.

