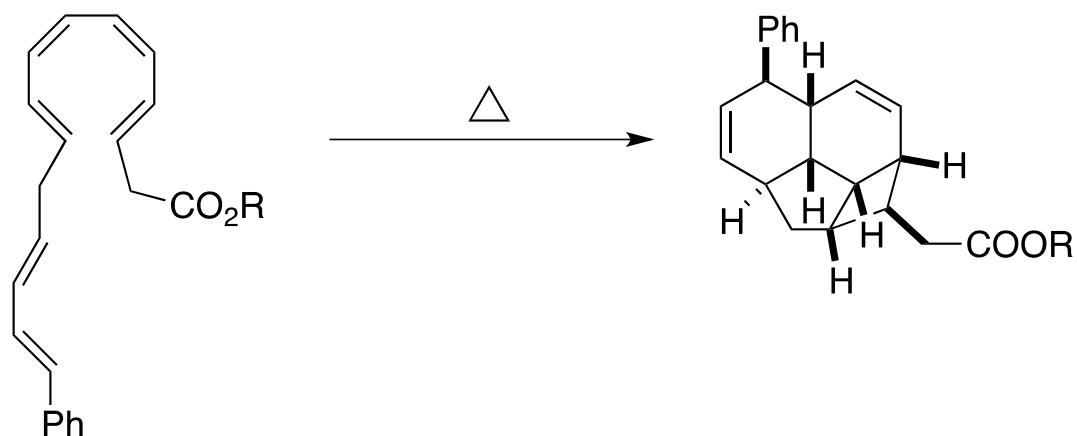
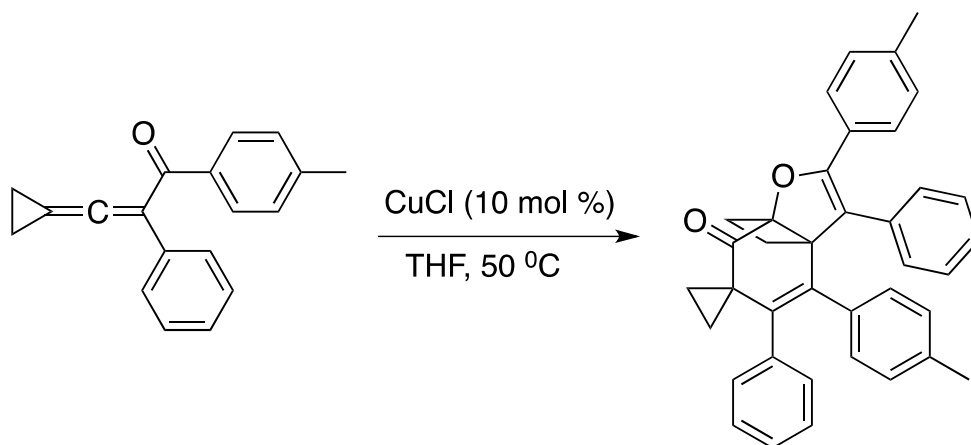


1. Propose a suitable mechanism for the following transformation:



2. Propose a suitable mechanism for the following transformation:



Hint: In problem 2 the reactions go through the following intermediate:

