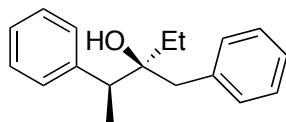
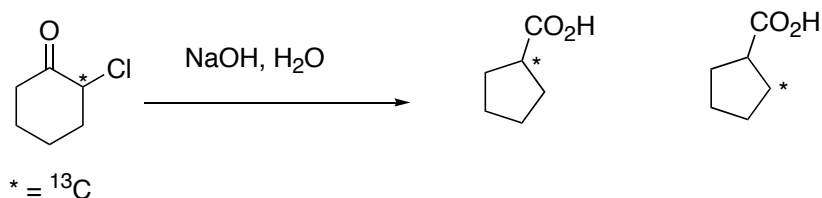


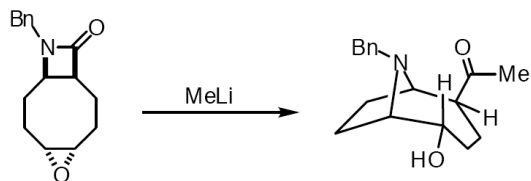
1. Propose a synthesis starting from benzene and any materials that contain 3 carbons or less



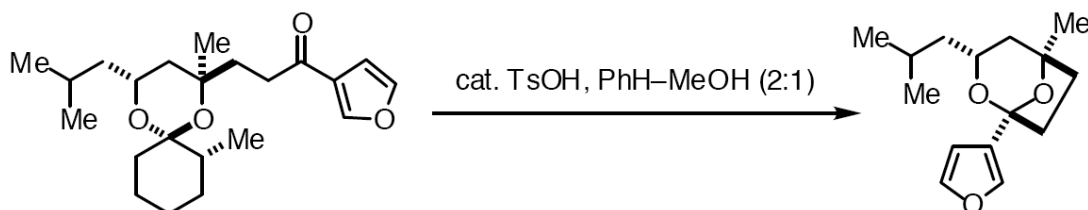
2. Propose a mechanism



3. Propose a mechanism



4. Propose a mechanism



5. Literature: same as last week

6. Do a substructure search on Beilstein for the following structure. Write down the structure of the first hit

