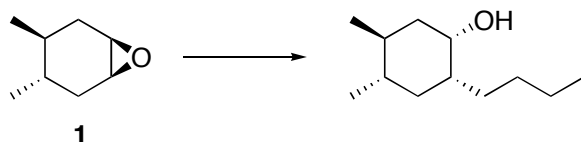
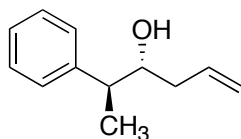


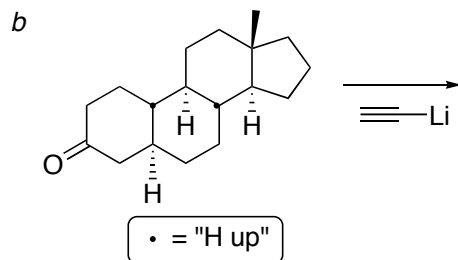
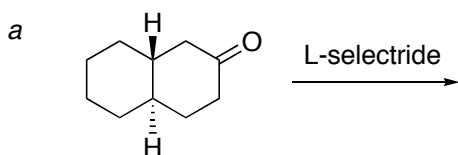
1. Propose a synthesis from **1** and any other commercial materials. Document each step with a literature precedent.



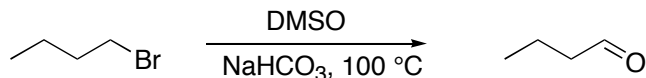
2. Propose a synthesis from any commercial starting materials. Document each step with a literature precedent.



3. Predict the product. Explain.



4. Provide a detailed arrow pushing mechanism



5. Complete database assignment #2, and then complete the following search:

Use Beilstein commander to search the following structure:

