Chem 647 Assignment for Thurs Feb. 10
Be prepared to answer the following questions in class

1. The authors don’t show the synthesis of compound 8, but they do indicate that it comes from (S)-epichlorohydrin A. Provide a mechanism for the formation of C from reaction of (S)-epichlorohydrin A with diethyl malonate B.

2. Provide a mechanism for the acid-catalyzed transformation of 14 to 16.

3. Provide a mechanism for the acid-catalyzed transformation of 17 to 18.

4. Define a “7-endo-trig” cyclization

5. How can NMR be used to prove the relative stereochemistry for the trans isomer 12?