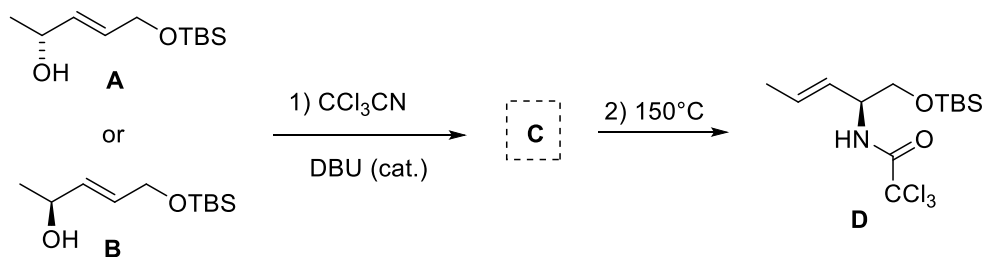


SR-2025 POW-3



- Draw the structure of the intermediate **C**.
- Which of the two potential starting materials **A** or **B** must be used in order to obtain the shown stereochemistry of **D**? Justify your choice by comparing the two relevant transition states.
- The reaction uses CCl_3CN for the first condensation step. Provide an argument why the simpler CH_3CN does not work very well?