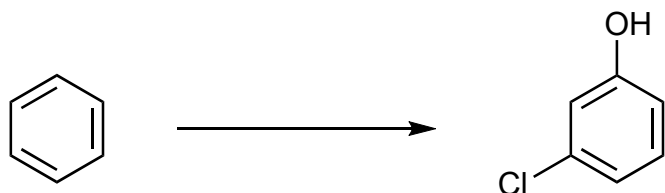


6. (23 pts) Provide the reagents necessary to transform the given starting material into the desired product. More than one step may be required. **6A-6C you must show your work and draw intermediate products.**

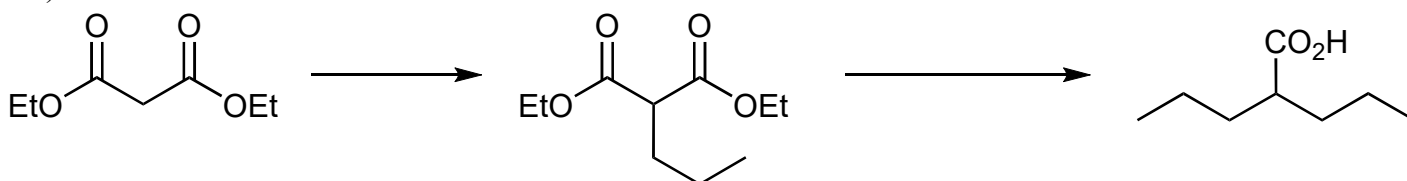
6A)



6B)



6C)



6D) Provide the missing reagents for this two-step synthesis, and briefly explain the order chosen (*i.e.*, how did you choose which reagent to use first?).

