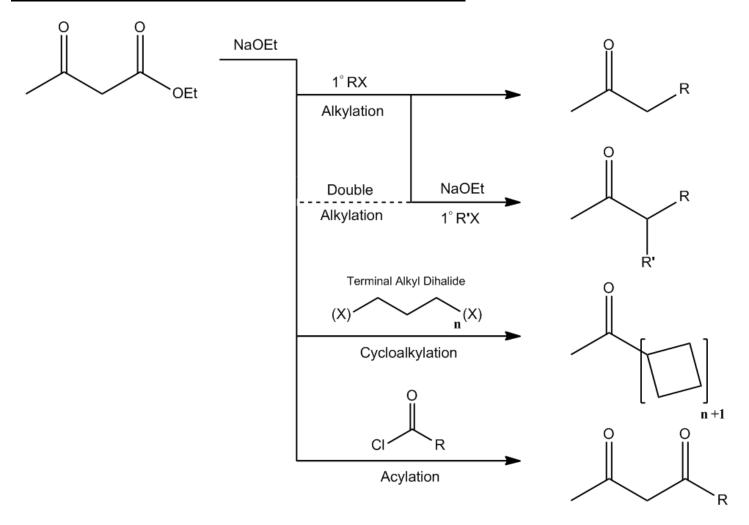
CONCEPT: ACETOACETIC ESTER SYNTHESIS — GENERAL REACTIONS



EXAMPLE: Predict the products of the following multi-step reactions

PRACTICE: Provide the major product for the following reaction

H₃C
$$O O CH3$$

$$1. NaOEt$$

$$2. PhCH2Br$$

$$3. H3O+$$

$$4. \Delta$$

<u>PRACTICE:</u> Beginning from ethyl acetoacetate, and using any other necessary reagents, show the necessary compounds needed to form the following compound.