Quiz 29

1. O O 1. NaOH, 1 eq. ► CH₀-C-CH₂-C-CH₃ 2. CH₃CH₂Br

2. ○ □ □ □ □ □ 1. NaOH ► □ 2. Heat ► □

3.

O CH₃ O 1 1 NaOEt/EtOH

CH₃O-C-CH₂CH₂CHCH₂CH₂-C-OCH₃ 1. NaOEt/EtOH

2. H₃O⁺/heat

1. NaOEt/EtOH

2. CH₃Br

3. H₃O⁺/heat

5. Synthesize the compound below from cyclopentane, alcohols, alkenes, or alkynes of three carbons or less, any inorganic reagents, any oxidizing or reducing agents and any peracids.