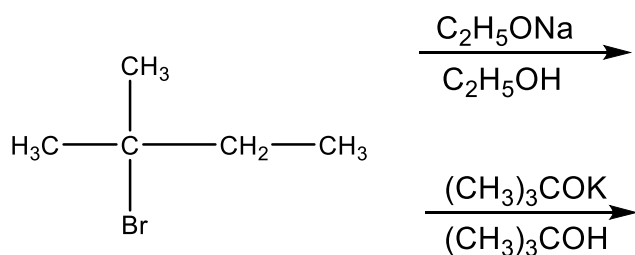


Draw the major organic product for the same substrate with two different conditions.



Halogenoalkanes can undergo an elimination reaction to produce alkenes. The predominant alkene formed depends on the reagent used to perform the elimination reaction. When sodium ethoxide in ethanol is used as a reagent, the Zaitsev product is predominantly formed. On the other hand, when potassium tert-butoxide in tert-butyl alcohol is used as the reagent, the Hoffman product is predominantly formed.

