



# ORGOREVIEW

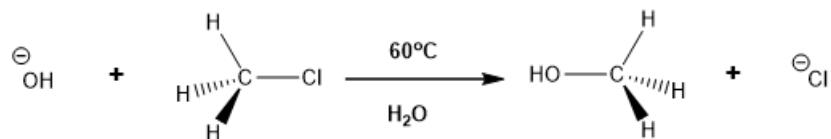
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Choose the **incorrect** statement about the following S<sub>N</sub>2 reaction.



- (A) If the temperature is raised to 90°C the reaction will occur at a faster rate.
- (B) If H<sub>2</sub>O is substituted for HO- the reaction will occur at a slower rate.
- (C) If ethylchloride is substituted for methyl chloride the reaction will occur at a slower rate.
- (D) If methyl iodide is substituted for methyl chloride the reaction will occur at a slower rate.
- (E) If acetate ion (AcO-) is substituted for HO the reaction will occur at a slower rate (pKa AcOH = 4.74, pKa H<sub>2</sub>O = 16).

### How to Reach Us

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