

Marks
2

- Hydrogen chloride, HCl, reacts with the compound $\text{CH}_3\text{CH}=\text{C}=\text{O}$ in an electrophilic addition reaction. Use your knowledge of the mechanism of electrophilic addition to a C=C double bond to predict the major product of this reaction. Explain your reasoning.

THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.