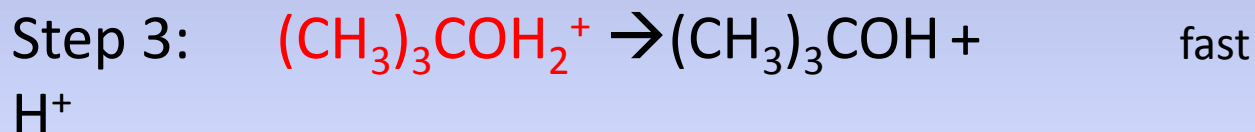
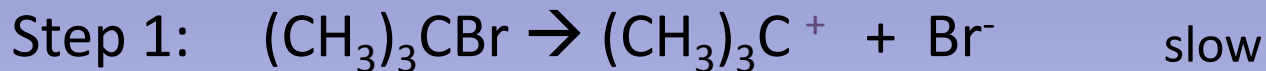


# More Reaction Mechanisms

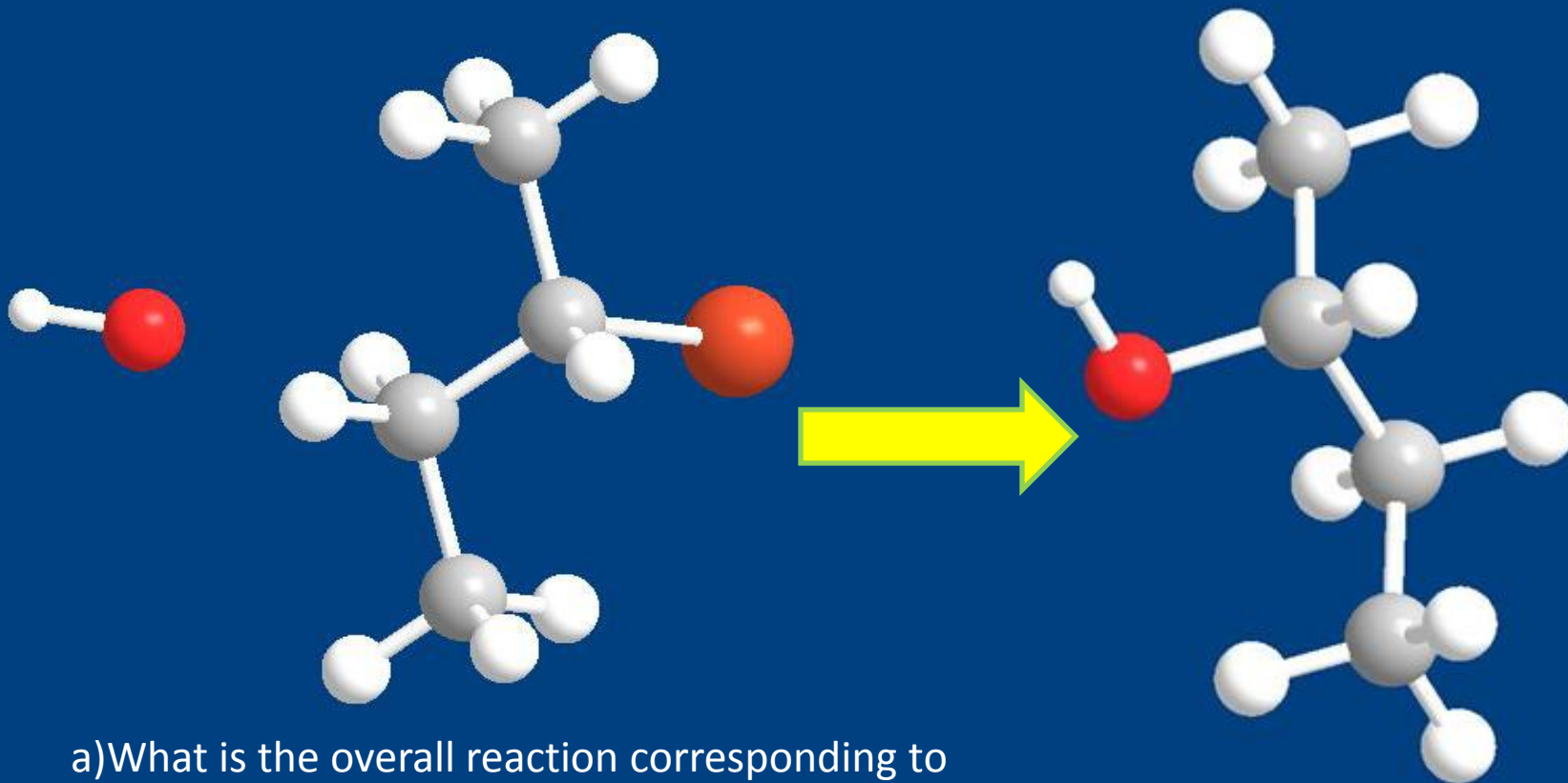


a) What is the overall reaction corresponding to the above mechanism?



b) What is the rate expression for this reaction?





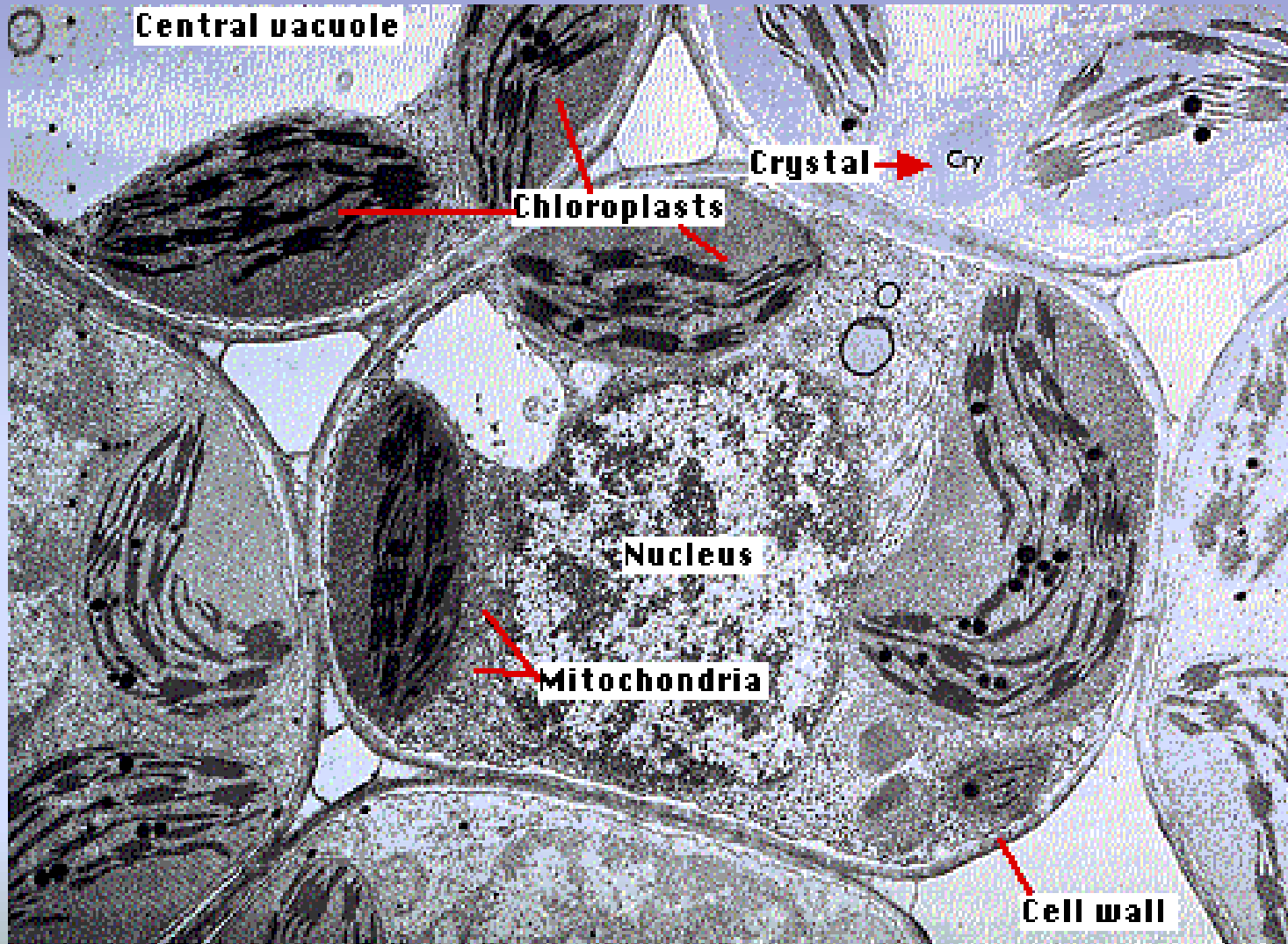
a) What is the overall reaction corresponding to the above SINGLE STEP mechanism?



b) What is the rate expression for this reaction?

**Rate =  $k[\text{OH}^-][\text{CH}_3\text{CHBrCH}_2\text{CH}_3]$ ...note it is bimolecular**

# The Plant Cell



# The Inside of a Chloroplast

