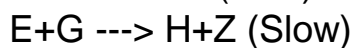
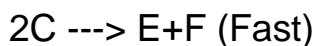
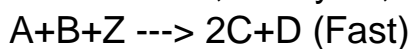


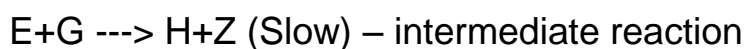
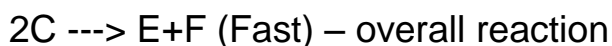
Answer on the question #61982, Chemistry / General chemistry

Question:

In the reaction mechanism below, predict rate law expression, identify intermediate, catalysts, and determine the overall reaction.



Answer:



When we want to determine the overall rate law for a reaction mechanism, the slowest step is the step that determines the reaction rate:

$$r = k \cdot [E] \cdot [G]$$