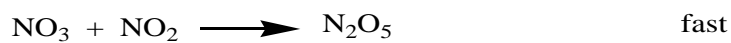
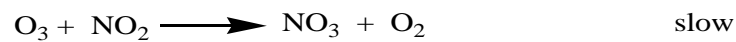


The proposed mechanism is



What is the rate law

- A. Rate = k [NO3] [NO2]
 - B. Rate = k [NO3] [O2]
 - C. Rate = k [O3] [NO2]**
 - D. Rate = k [N2O5]
2. What is meant by a scaffold?
- A. The lead compound
 - B. The carbon skeleton of a compound
 - C. The core structure of a molecule that is common to a series of compounds**
 - d. The pharmacophore
3. The compound with the highest boiling point and solubility in water is
- A. HOCH₂CH₂OH**
 - B. CH₃CH₂Cl
 - C. CH₃CH₂CH₃
 - D. CH₃CH₂OH