

Figure 2.8: A diagram illustrating the process of a chemical reaction. It shows a reaction vessel containing a mixture of reactants. The reactants are labeled as 'Reactants' and are shown as small particles. The reaction is shown to proceed through a transition state, which is a high-energy intermediate state. The products are labeled as 'Products' and are shown as larger particles. The diagram also shows the energy profile of the reaction, with the energy of the reactants being higher than the energy of the products, indicating an exothermic reaction. The energy barrier between the reactants and the transition state is labeled as the activation energy.

