## UNDERSTANDING MECHANISM OF A REACTION IN ORGANIC CHEMISTRY

An organic chemistry mechanism of a reaction is a step-by-step explanation of the chemical changes that occur during a chemical reaction, including the intermediates and transition states involved. It helps to understand the order of events and the molecular interactions that lead to the formation of products.

It is typically represented using arrow pushing notation and involves the movement of electrons in the reactant molecules to form new chemical bonds in the products. Understanding the mechanism of a reaction can help predict the products of a reaction of electron deconditions under which a reaction will occur, and the date at which preaction will occur. The production of a reaction of a reaction of electron deconditions the sequence of events that occur during a chemical reaction, including the intermediates and transition states involved.

It is typically represented using arrow pushing notation, which shows the movement of electrons in the reactant molecules to form new chemical bonds in the products. The arrow notation is used to indicate the movement of electrons and the direction of the chemical reaction.

The mechanism of a reaction can be divided into several steps, each of which corresponds to a specific chemical transformation. The first step is typically the formation of a reactive intermediate, also known as a