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Organic Chemistry Reactions (Quick Study Academic)

A comprehensive study guide for organic chemistry reactions, featuring a large title 'ORGANIC CHEMISTRY REACTIONS' at the top. Below it are two main sections: 'Features of an Organic Reaction' and 'Organic Acid & Base Reactions'. The 'Organic Acid & Base Reactions' section is divided into 'Acid' and 'Base' sub-sections, each with a list of reactions. Further sub-sections include 'Factors Enhancing Acid Strength (RA)', 'Factors Enhancing Base Strength', and 'Importance of Resonance'. The 'Organic Acid & Base Reactions' section also covers 'Nucleophiles', 'Nucleophilic Substitution', 'Nucleophilic Addition-Substitution', and 'Nucleophilic Displacement'. The 'Kinetics & Reaction Mechanisms' section includes a graph of Energy vs. Reaction Progress, a discussion of Activation Energy, and a detailed look at Hammond-Loffler Postulate, Thermodynamic Control, and Kinetic Control. The 'Alkane' section covers Conformations, Cyclohexane, and Cyclohexane Derivatives. The 'Alkene' section covers Addition Reactions, including Electrophilic Addition, Nucleophilic Addition, and Radical Addition. The 'Alkene' section also includes a section on Alkenes as Nucleophiles. The 'Alkene' section concludes with a section on Electrophilic Substitution and Electrophilic Addition-Substitution.



Synopsis

Quick Reference for the core essentials of a subject and class that is challenging at best and that many students struggle with. In 6 laminated pages our experienced chemistry author and professor gathered key elements organized and designed to use along with your text and lectures, as a review before testing, or as a memory companion that keeps key answers always at your fingertips. As many students have said âœa must haveâ• study tool. Suggested uses: o Quick Reference â“ instead of digging into the textbook to find a core answer you need while studying, use the guide to reinforce quickly and repeatedly o Memory â“ refreshing your memory repeatedly is a foundation of studying, have the core answers handy so you can focus on understanding the concepts o Test Prep â“ no student should be cramming, but if you are, there is no better tool for that final review

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