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Stereochemistry and Orientation in E2 Reactions; The ElcB Mechanism
The E2C MechanismGas-phase Elimination Reactions; Other Topics; 5. Addition Reaotions; Electrophilic Additions; Nucleophilic Additions; Cycloadditions; 6. Nucleophilic Aromatic Substitution; The SNAr Mechanism; Heterocyclic Systems; Meisenheimer and Related Complexes; Benzyne and Related Intermediates; Other Reactions; 7. Electmphilic Aromatic Substitution; Sulphonation; Nitration; Nitrosation; Azo coupling; Halogenation; Metal Cleavage; Metallation Reactions; Friedel-Crafts and Related Reactions; Hydrogen Exchange; Miscellaneous Reactions; 8. Molecular Rescrangements; Aromatic Rearrangementa
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Radical Ions and Electron-transfer ProceasesNitroxides; Autoxidation; Pyrolysis and Other Gas-phase Processes; Radiolysis, ESR Spectroscopy and Miscellaneous; 10. Carbenes and Nitrenes; Structure; Methods of Generation; Cycloadditions; Insertions and Abstractions; Aromatic Substitutions; Reactions with Nucleophiles; Rearrangements; Fragmentations; Other Reactions; Transition metal Complexes; 11. Reactions of Aldehydes and Ketones and their Derivatives; Formation and Reactions of Acetals and Ketals; Hydrolysis and Formation of Glycosides
Hydration of Aldehydes and Ketones and Related Reactions

Sommario/riassunto

This annual series on organic reaction mechanisms research provides concise, comprehensive coverage of the year's literature as well as discussions of important results. The present volume either discusses or lists all published work dated from December to November inclusive, that deals significantly with any aspect of organic reaction mechanisms.