

1. Record Nr.	UNINA9910144309803321
Titolo	Organic reaction mechanisms [[electronic resource]] . 1969 : an annual survey covering the literature dated December 1968 through November 1969 / / edited by B. Capon, C. W. Rees
Pubbl/distr/stampa	London, : Interscience Publishers, 1970
ISBN	9786612112492 9781282112490 128211249X 9780470318911 0470318910 9780470318928 0470318929
Descrizione fisica	1 online resource (725 p.)
Collana	Organic Reaction Mechanisms Series ; ; v.109
Altri autori (Persone)	CaponB ReesCharles W (Charles Wayne)
Disciplina	547.139 547.2
Soggetti	Chemistry, Organic Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes indexes.
Nota di contenuto	ORGANIC REACTION MECHANISMS 1969; Contents; Carbonium Ions; Bicyclic and Polycyclic Systems; Participation by Aryl Groups; Participation by Double and Triple Bonds; Reactions of Small-ring Compounds; Metallocenylmethyl Cations; Other Stable Carbonium Ions and their Reactions; Nucleophilic Aliphatic Substitution; Ion-pair Phenomena and Borderline Mechanisms; Solvent and Medium Effects; Isotope Effects; Neighbouring Group Psrticipation; Deamination and Related Reactions; Reactions of Aliphatic Diazo-compounds; Fragmentation Reactions; Displacement Reactions at Elements other than Carbon Ambident NucleophilesSubstitution at Vinylic Carbon; Reactions of a-Halogenocarbonyl Compounds; Other Reactions; Carbanions and Electrophilic Aliphatic Substitution; Carbanion Structure and Stability;

Reactions of Carbanions; Proton Transfer, Hydrogen Isotope Exchange, and Related Reactions; Organometallics: Groups Ia, IIa, III; Organometallics: Other Elements; Electrophilic Reaction of Hydrocarbons; Miscellaneous Reactions; Elimination Reactions; Steric Course of E2 Reactions; Orientation in E2 Reactions; The E1cB Mechanism; Other Topics; Addition Reactions; Electrophilic Additions Nucleophilic Additions Cycloadditions; Nucleophilic Aromatic Substitution; The S_NAr Mechanism; Heterocyclic Systems; Meisenheimer and Related Complexes; Substitution in Polyhalogenoammonium Compounds; Other Reactions; Benzyne and Related Intermediates; Electrophilic Aromatic Substitution; Sulphonation; Nitration and Nitrosation; Azo Coupling; Friedel-Crafts and Related Reactions; Halogenation; Hydrogen Exchange; Metalation; Metal Cleavage; Decarboxylation; Miscellaneous Reactions; Molecular Rearrangements; Aromatic Rearrangements; Further Sigmatropic Migrations; Small-ring Rearrangements
 Other Electrocyclic Reactions Heterocyclic Rearrangements; Other Rearrangements; Radical Reactions; Structure and Stereochemistry; Decomposition of Azo-compounds and Peroxides; Diradicals; Atom-transfer Processes; Additions; Aromatic Substitution; Rearrangements; Reactions Involving Oxidation or Reduction by Metal Salts; Nitroxides; Reactions Involving Radical Ions; Electrochemical Processes; Autoxidation; Miscellaneous; Carbenes and Nitrenes; Structure; Methods of Generation; Insertions and Abstractions; Cycloadditions; Rearrangements and Fragmentations
 Reactions with Nucleophiles and Electrophiles Carbenoids and Metal Complexes; 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; Reactions with Nitrogen Bases; Hydrolysis of Enol Ethers and Ester; Enolization and Related Reactions; Aldol Reaction; Reactions of Enamines; Other Reactions; Reactions of Acids and their Derivatives; Carboxylic Acids; Non-carboxylic Acids; Photochemistry; Physical Aspects; Carbonyl Compounds; Acid Derivatives
 Olefins

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.