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Autore	Tietze Lutz-Friedjan
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Formato	Materiale a stampa
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Nota di contenuto	Domino Reactions in Organic Synthesis; Table of Contents; Preface; Abbreviations; Introduction; Classification; 1 Cationic Domino Reactions; 1.1 Cationic/Cationic Processes; 1.1.1 Cationic/Cationic/Cationic Processes; 1.2 Cationic/Pericyclic Processes; 1.3 Cationic/Reductive Processes; 2 Anionic Domino Reactions; 2.1 Anionic/Anionic Processes; 2.1.1 Anionic/Anionic/Anionic Processes; 2.1.2 Fourfold and Higher Anionic Processes; 2.1.3 Two- and Threefold Anionic Processes Followed by a Nonanionic Process; 2.2 Anionic/Radical Processes; 2.3 Anionic/Pericyclic Processes 2.3.1 Anionic/Pericyclic Processes Followed by Further Transformations2.4 Anionic/Transition Metal-Catalyzed Processes; 2.5 Anionic/Oxidative or Reductive Processes; 3 Radical Domino Reactions; 3.1 Radical/Cationic Domino Processes; 3.2 Radical/Anionic Domino Processes; 3.3 Radical/Radical Domino Processes; 3.3.1 Radical/Radical/Anionic Domino Processes; 3.3.2 Radical/Radical/Radical Domino Processes; 3.3.3 Radical/Radical/Pericyclic Domino Processes; 3.3.4

Radical/Radical/Oxidation Domino Processes; 3.4 Radical/Pericyclic Domino Processes; 4 Pericyclic Domino Reactions
4.1 Diels-Alder Reactions4.1.1 Diels-Alder/Diels-Alder Reactions; 4.1.2 Diels-Alder Reactions/Sigmatropic Rearrangements; 4.1.3 Diels-Alder/Retro-Diels-Alder Reactions; 4.1.4 Diels-Alder Reactions/Mixed Transformations; 4.1.5 Hetero-Diels-Alder Reactions; 4.2 1,3-Dipolar Cycloadditions; 4.3 [2+2] and Higher Cycloadditions; 4.4 Sigmatropic Rearrangements; 4.5 Electrocyclic Reactions; 4.6 Ene Reactions; 4.7 Retro-Pericyclic Reactions; 5 Photochemically Induced Domino Processes; 5.1 Photochemical/Cationic Domino Processes; 5.2 Photochemical/Anionic Domino Processes
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6.1.2 Cross-Coupling Reactions6.1.2.1 Suzuki Reactions; 6.1.2.2 Stille Reactions; 6.1.2.3 Sonogashira Reactions; 6.1.2.4 Other Cross-Coupling Reactions; 6.1.3 Nucleophilic Substitution (Tsuji-Trost Reaction); 6.1.4 Reactions of Alkynes and Allenes; 6.1.5 Other Pd(0)-Catalyzed Transformations; 6.1.6 Pd(II)-Catalyzed Transformations; 6.2 Rhodium-Catalyzed Transformations; 6.2.1 Formation of Carbenes; 6.2.2 Hydroformylations; 6.2.3 Other Rhodium-Catalyzed Transformations; 6.3 Ruthenium-Catalyzed Transformations; 6.3.1 Metathesis Reactions; 6.3.1.1 Metathesis-Metathesis Processes
6.3.1.2 Metathesis/Heck Reaction/Pericyclic Reaction/Hydrogenation

Sommario/riassunto

Domino reactions enable you to build complex structures in one-pot reactions without the need to isolate intermediates- a dream comes true. In this book, the well-respected expert, Professor Lutz Tietze, summarizes the possibilities of this reaction type - an approach for an efficiant, economically benificial and ecologicalbenign synthesis.A definite must for every organic chemist.

2. Record Nr. UNISA996385839703316

Autore	Glapthorne Henry
Titolo	The ladies priviledge [[electronic resource]] : As it was acted with good allowance at the Cock-pit in Drury-lane, and before their Majesties at White-Hall twice. By their Maiesties Servants. The author Henry Glapthorne
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