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Nota di contenuto	HANDBOOK OF ORGANOPALLADIUM CHEMISTRY FOR ORGANIC SYNTHESIS Volume 2; CONTENTS; PREFACE; CONTRIBUTORS; ABBREVIATIONS; V PALLADIUM-CATALYZED REACTIONS INVOLVING NUCLEOPHILIC ATTACK ON LIGANDS; V.1 Background for Part V; V.2 Palladium-Catalyzed Nucleophilic Substitution Involving Allylpalladium, Propargylpalladium, and Related Derivatives; V.2.1 The Tsuji-Trost Reaction and Related Carbon-Carbon Bond Formation Reactions; V. 2.1.1 Overview of the Palladium-Catalyzed Carbon-Carbon Bond Formation via p-Allylpalladium and Propargylpalladium Intermediates V.2.1.2 Synthetic Scope of the Tsuji-Trost Reaction with Allylic Halides, Carboxylates, Ethers, and Related Oxygen Nucleophiles as Starting CompoundsV.2.1.3 Palladium-Catalyzed Allylation with Allyl Carbonates; V.2.1.4 Palladium-Catalyzed Allylation and Related Substitution Reactions of Enolates and Related Derivatives of "Ordinary"

Ketones, Aldehydes, and Other Carbonyl Compounds; V.2.1.5 Palladium-Catalyzed Substitution Reactions of Alkenyl Epoxides; V.2.1.6 Palladium-Catalyzed Substitution Reactions of Sulfur and Other Heavier Group 16 Atom-Containing Allylic Derivatives V.2.1.7 Palladium-Catalyzed Substitution Reactions of Nitrogen and Other Group 15 Atom-Containing Allylic Derivatives V.2.1.8 Palladium-Catalyzed Substitution Reactions with Propargyl and Related Electrophiles; V.2.1.9 Palladium-Catalyzed Reactions of Soft Carbon Nucleophiles with Dienes, Vinylcyclopropanes, and Related Compounds; V.2.2 Palladium-Catalyzed Allylic, Propargylic, and Allenic Substitution with Nitrogen, Oxygen, and Other Groups 15-17 Heteroatom Nucleophiles V.2.2.1 Palladium-Catalyzed Substitution Reactions of Allylic, Propargylic, and Related Electrophiles with Heteroatom Nucleophiles V.2.2.2 C-O and C-N Bond Formation Involving Conjugated Dienes and Allylpalladium Intermediates; V.2.2.3 Use of Alkenes as Precursors to *p*-Allylpalladium Derivatives in Allylic Substitution with O, N and Other Heteroatom Nucleophiles; V.2.3 Palladium-Catalyzed Allylic, Propargylic, and Allenic Substitution with Hydrogen and Metal Nucleophiles; V.2.3.1 Palladium-Catalyzed Hydrogenolysis of Allyl and Related Derivatives V.2.3.2 Palladium-Catalyzed Deprotection of Allyl-Based Protecting Groups V.2.3.3 Palladium-Catalyzed Allylic and Related Silylation and Other Metallations; V.2.3.4 Palladium-Catalyzed Reactions of Allyl and Related Derivatives with Organoelectrophiles; V.2.4 Palladium-Catalyzed Asymmetric Allylation and Related Reactions; V.2.5 Other Reactions of Allylpalladium and Related Derivatives; V.2.5.1 Elimination of Allylpalladium and Related Derivatives; V.2.5.2 Cycloaddition Reactions of Allylpalladium and Related Derivatives; V.2.5.3 Rearrangements of Allylpalladium and Related Derivatives V.2.6 Synthesis of Natural Products and Biologically Active Compounds via Allylpalladium and Related Derivatives

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Sommario/riassunto

Organized to provide maximum utility to the bench synthetic chemist. The editor is well-known for his work in exploring, developing, and applying organopalladium chemistry. Contributors include over 24 world authorities in the field.

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