

1. Record Nr.	UNISA996391005803316
Autore	Valdes Juan de <d. 1541.>
Titolo	The hundred and ten considerations of Signior Iohn Valdesso [[electronic resource] ] : treating of those things which are most profitable, most necessary, and most perfect in our Christian profession. Written in Spanish, brought out of Italy by Vergerius, and first set forth in Italian at Basil by Cœlius Secundus Curio, anno 1550. Afterward translated into French, and printed at Lions 1563. and again at Paris 1565. And now translated out of the Italian copy into English, with notes. Whereunto is added an epistle of the authors, or a preface to his divine commentary upon the Romans
Pubbl/distr/stampa	Oxford, : Printed by Leonard Lichfield, printer to the Vniversity, Ann. Dom. 1638
Descrizione fisica	[32], 311, [13] p
Altri autori (Persone)	FerrarNicholas <1592-1637.> HerbertGeorge <1593-1633.>
Soggetti	Spiritual life - Modern period, 1500- Christian life
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A translation by Nicholas Ferrar of: Consideraciones divinas. The notes are by George Herbert, whose name appears on 4*4r. Running title reads: The divine considerations of Iohn Valdesso. With a final errata leaf. Reproduction of the original in Princeton University. Library.
Sommario/riassunto	eebo-0129

2. Record Nr.	UNINA9910583094403321
Autore	Troev Kolio D.
Titolo	Reactivity of P-H group of phosphorus based compounds // Kolio D. Troev
Pubbl/distr/stampa	London, [England] : , : Academic Press, , 2018 ©2018
ISBN	0-12-813835-1 0-12-813834-3
Descrizione fisica	1 online resource (465 pages)
Disciplina	546.712
Soggetti	Phosphorus compounds
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Front Cover; Reactivity of P-H Group of Phosphorus Based Compounds; Copyright Page; Contents; About the Author; Preface; 1 Acidity and Tautomerization of P-H Group; 1.1 Acidity; 1.2 Tautomerization; 1.2.1 Tautomerization of Phosphine Oxides; 1.2.2 Tautomerization of Hypophosphorous Acid; 1.2.3 Tautomerization of H-Phosphinic Acid; 1.2.4 Tautomerization of H-Phosphonic Acid; References; 2 Reactivity of P-H Group of Phosphines; 2.1 Phosphine; 2.1.1 Methods for Preparation; 2.1.2 Reactivity of P-H Group; 2.1.2.1 Reaction with Metals; 2.1.2.2 Addition Reactions 2.1.2.2.1 Addition to Carbon-Carbon Multiple Bonds Radical Addition; Nucleophilic Addition; Catalyzed Hydrophosphination; 2.1.2.2.2 Addition to Carbonyl Group; 2.1.2.3 Nucleophilic Substitution Reactions; 2.2 Primary Phosphines (RPH <sub>2</sub> ); 2.2.1 Methods for Preparation; 2.2.2 Reactivity of P-H Group; 2.2.2.1 Addition Reactions; 2.2.2.1.1 Addition to Carbon-Carbon Multiple Bonds; 2.2.2.1.2 Addition to Carbonyl Group; 2.2.2.2 Cross-Coupling Reactions; 2.2.2.3 Cross-Dehydrogenative Coupling; 2.3 Primary Diphosphines; 2.3.1 Methods for Preparation; 2.3.2 Reactivity of P-H Group; 2.3.2.1 Metalation 2.5.2 Reactivity of P-H Group 2.5.2.1 Condensation Reactions; 2.5.2.2 Cross-Coupling Reactions; 2.5.2.2.1 Diphenyldiphosphine PhHP-PHPPh;

2.5.2.2.2 Tetraphenyldiphosphane; 2.6 Phosphine-Borane Complexes; 2.6.1 Phosphine-Borane; 2.6.1.1 Methods for Preparation; 2.6.2 Primary Phosphine-Boranes; 2.6.2.1 Methods for Preparation; 2.6.2.2 Reactivity of P-H Group; 2.6.2.2.1 Hydrophosphination; 2.6.2.2.2 Oxidative Addition; 2.6.2.2.3 Cross-Dehydrogenative Coupling; 2.6.2.2.4 Alkylation; 2.6.3 Secondary Phosphine-Boranes; 2.6.3.1 Methods for Preparation; 2.6.3.2 Reactivity of P-H Group 2.6.3.2.1 Alkylation 2.6.3.2.2 Hydrophosphination; 2.6.3.2.3 Nucleophilic Substitutions; 2.6.3.2.4 Cross-Coupling Reactions; 2.6.3.2.5 Cross-Dehydrogenative Coupling; Poly(phosphinoborane)s; 2.7 Conclusion; References; 3 Reactivity of P-H Group of Phosphine Oxides; 3.1 Phosphine Oxide; 3.1.1 Methods for Preparation; 3.1.2 Reactivity of P-H Group; 3.2 Primary Phosphine Oxides; 3.2.1 Methods for Preparation; 3.2.2 Reactivity of P-H Group; 3.2.2.1 Dehydration; 3.2.2.2 Addition Reactions; 3.2.2.2.1 Addition to Carbon-Carbon Multiple Bonds; 3.3 Secondary Phosphine Oxides

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Sommario/riassunto

Reactivity of P-H Group of Phosphorus Based Compounds bridges the gap between inorganic and organic phosphorus compounds, providing a basis to explore the myriad possibilities for synthesis of novel low and high molecular phosphorus-containing compounds. It covers well-documented reactions in detail, including: tautomerization, oxidation, reduction, alkylation, oxidation coupling, addition reaction to: carbon-carbon multiple bonds, Schiff base, isocyanates, nitriles, epoxides; addition to carbonyl group, Kabachnik- Fields reaction, cross-coupling reaction and more. In an accessible style complete with synthetic routes and figures, the resource then covers the reactivity of multiple P-H group members: phosphines, phosphine oxides, hypophosphorus acid, H-phosphinic acids and polys(alkylene H-phosphonate). This valuable coverage supports the advancement of research and applications in this area for scientists solving a scientific problem or starting a variety of new projects, such as a new reaction for the synthesis of biologically active compounds, new methods of polymer synthesis or a new methodology for polymer modification.

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