

1. Record Nr.	UNINA9910298615803321
Titolo	Phosphorus Chemistry I : Asymmetric Synthesis and Bioactive Compounds // edited by Jean-Luc Montchamp
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-15473-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (VII, 242 p. 285 illus., 8 illus. in color.)
Collana	Topics in Current Chemistry, , 0340-1022 ; ; 360
Disciplina	547.07
Soggetti	Organic chemistry Chemical engineering Medicinal chemistry Chemistry Organic Chemistry Industrial Chemistry/Chemical Engineering Medicinal Chemistry Chemistry/Food Science, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Bioactive Phosphinates -- Phosphorus-Borane Complexes -- phosphorus-containing tethers in organic synthesis -- Phospho-aldol reaction -- Phosphorus-containing nucleotide analogs -- Asymmetric synthesis of organophosphorus compounds -- Phosphinopeptides -- Phosphorus prodrugs -- The Carbon-Hydrogen to Carbon-Phosphorus transformation.
Sommario/riassunto	Each review within the volume critically surveys one aspect of that topic and places it within the context of the volume as a whole. The most significant developments of the last 5 to 10 years are presented using selected examples to illustrate the principles discussed. The coverage is not intended to be an exhaustive summary of the field or include large quantities of data, but should rather be conceptual, concentrating on the methodological thinking that will allow the non-specialist reader to understand the information presented. Contributions also offer an outlook on potential future developments in the field.

