1. Record Nr. UNINA9910140823003321

Autore	Mori K (Kenji), <1935-2019, >
Titolo	Chemical synthesis of hormones, pheromones and other bioregulators / / Kenji Mori
Pubbl/distr/stampa	West Sussex, England : , : John Wiley & Sons Ltd, , [2010] ©2010
ISBN	1-282-72881-4 9786612728815 0-470-69723-7 0-470-66922-5 0-470-66919-5
Descrizione fisica	1 online resource (315 p.)
Disciplina	571.74
Soggetti	Hormones - Synthesis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chemical Synthesis of Hormones, Pheromones and Other Bioregulators; Contents; Preface; Abbreviations; 1 Introduction-Biofunctional Molecules and Organic Synthesis; 2 Synthesis of Phytohormones, Phytoalexins and Other Biofunctional Molecules of Plant Origin; 3 Synthesis of Insect Bioregulators Other than Pheromones; 4 Synthesis of Pheromones; 5 Synthesis of Biofunctional Molecules of Microbial Origin; 6 Synthesis of Marine Bioregulators, Medicinals and Related Compounds; 7 Synthetic Examination of Incorrectly Proposed Structures of Biomolecules; 8 Conclusion-Science as a Human Endeavor; Index
Sommario/riassunto	Many small molecules occur naturally as ""messenger"" chemicals which regulate the behaviour and functions of microbes, plants, insects and animals. Examples include hormones, pheromones, phytoalexins, and antifeedants. These biofunctional molecules are of great interest to researchers in helping develop our understanding of biological function and in the development of new drugs. However extracting them from nature can be prohibitively expensive, so there is great interest in devising methods of synthesising them from simple starting materials in the laboratory. Chemical Synthesis of Hor