1. Record Nr. UNINA9910144279703321

Titolo	Photochemical key steps in organic synthesis [[electronic resource]] : an experimental course book / / edited by Jochen Mattay and Axel G. Griesbeck in cooperation with Christian Stammel, Joachim Hirt and Thomas Rumbach
Pubbl/distr/stampa	Weinheim ; ; New York, : VCH, c1994
ISBN	1-281-75878-7 9786611758783 3-527-61579-2 3-527-61578-4
Descrizione fisica	1 online resource (364 p.)
Altri autori (Persone)	MattayJ (Jochen) GriesbeckAxel G
Disciplina	541.35 547.2 547/.2
Soggetti	Organic photochemistry Organic compounds - Synthesis Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Photochemical Key Steps in Organic Synthesis; Contents; List of Contributors; How To Use This Book; General Features; 1 Carbonyl Compounds; 1.1 Aldehydes and Ketones; 1.2 Enones and Dienones; 2 Nitrogen-containing Chromophores; 3 Aromatic Compounds; 4 Alkenes, Arylalkenes and Cycloalkenes; 5 Organometallic Compounds; 6 Photooxygenation and Photoreduction; 7 Photochemistry in Organized Media; 8 Photochromic Compounds; Graphical Index; Index: Photochemical Key Steps; Subject Index
Sommario/riassunto	Basic laboratory technique in organic chemistry plays a vital part in the education of chemistry students. This textbook contains a collection of multistep experiments that all feature one or two photochemical key steps. More than 40 researchers active in the field of organic

photochemistry have contributed their favorite experiments for this unusual and modern textbook. In addition, a general section discusses reaction control, the interpretation of UV spectra, quantum yields and chemical yields, and gives information on solvents, lamps, filters, and vessels.The experiments chosen ful