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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
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Altri autori (Persone)	MattayJ (Jochen) GriesbeckAxel G
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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

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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