Record Nr. UNINA9910827733403321 Autore Albini Angelo Titolo Photochemically-generated intermediates in synthesis / / Angelo Albini, Maurizio Fagnoni Hoboken, N.J., : Wiley, c2013 Pubbl/distr/stampa 1-118-68930-5 **ISBN** 1-118-68920-8 1-118-68914-3 Edizione [1st ed.] Descrizione fisica 1 online resource (382 p.) Altri autori (Persone) FagnoniMaurizio Disciplina 547/.1372 Soggetti Carbocations Carbanions Intermediates (Chemistry) Photochemistry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Nota di contenuto Photogenerated intermediates: principles and practice --Photogeneration of carbon centered radicals -- Photogeneration of heteroatom-centered radicals -- Photogeneration of biradicals and radical pairs -- Photochemical generation of radical ions --Photogeneration of carbocations and carbanions -- Photogeneration of carbenes and nitrenes -- Manipulating intermediates the photochemical way. Sommario/riassunto Examines the latest applications of photochemistry to generate important intermediates Presenting the latest breakthroughs in the field of organic photochemistry, this book offers tested and proven photochemical approaches to synthesis, creating promising new possibilities and applications for photochemical reactions. It focuses on photoreactions involving an intermediate where mechanistic aspects control the course of the reaction and its synthetic value. Readers will discover new insights into the mechanisms and nature of photo-

produced reactive intermediates for organic synt