1. Record Nr. UNINA9910877655403321 Autore Tidwell Thomas T. <1939-> Titolo Ketenes II / / Thomas T. Tidwell Pubbl/distr/stampa Hoboken, N.J.,: Wiley-Interscience, c2006 **ISBN** 1-280-28821-3 9786610288212 0-470-36177-8 0-471-76767-0 0-471-76766-2 Edizione [2nd ed.] Descrizione fisica 1 online resource (672 p.) Disciplina 547/.436 Soggetti Ketenes 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 and index. Nota di contenuto KETENES II; Contents; Preface; Introduction; References; 1 Structure. Bonding, and Thermochemistry of Ketenes; 1.1 Theoretical and Computational Studies of Ketenes: 1.1.1 Molecular and Electronic Structure and Energy; References; 1.1.2 Theoretical and Computational Studies of Ketene Reactions; References; 1.1.3 Substituent Effects on Ketenes: References: 1.2 Molecular Structure Determinations: References: 1.3 Thermochemistry of Ketenes: References: 2 Spectroscopy and Physical Properties of Ketenes; 2.1 Nuclear Magnetic Resonance Spectroscopy: References 2.2 Ultraviolet Spectra, Photoelectron Spectra, and Chiroptical PropertiesReferences; 2.3 Infrared Spectra and Raman Spectra; References; 2.4 Dipole Moments; References; 2.5 Mass Spectrometry and Gas Phase Ion Chemistry: References: 3 Preparation of Ketenes: 3.1 Ketenes from Ketene Dimers; References; 3.2 Ketenes from Carboxylic Acids and their Derivatives; 3.2.1 Ketenes from Carboxylic Acids and Anhydrides; 3.2.1.1 Ketenes from Carboxylic Acids; References; 3.2.1.2 Ketenes from Acid Anhydrides; References; 3.2.2 Ketenes from Acyl

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