Record Nr. UNINA9910787840203321 Chemistry of pyrroles / / Boris A. Trofimov, Al'bina I. Mikhaleva, Elena **Titolo** Yu Schmidt, Lyubov N. Sobenina Pubbl/distr/stampa Boca Raton:,: Taylor & Francis,, [2015] ©2015 **ISBN** 0-429-18582-0 1-4822-3243-X Descrizione fisica 1 online resource (394 p.) Disciplina 547.593 Soggetti **Pyrroles** Aromatic compounds Heterocyclic chemistry Chemistry, Organic Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia A CRC title. Note generali Nota di bibliografia Includes bibliographical references. Front Cover; Contents; Preface; Introduction; Chapter 1: Synthesis of Nota di contenuto Pyrroles and N-Vinylpyrroles by the Reaction of Ketones (Ketoximes) with Acetylenes; Chapter 2: Novel Aspects of NH- and N-Vinylpyrroles Reactivity; References; Back Cover During the last 30 years, knowledge of the essential role that pyrrole Sommario/riassunto structures play in the chemistry of living organisms, drug design, and the development of advanced materials has increased. Correspondingly, research on the diverse issues of synthetic, theoretical, and applied chemistry has snowballed. Devoted to the latest achievements of this field, Chemistry of Pyrroles covers the discovery and development of a novel, facile, and highly effective method for the construction of the pyrrole ring from ketones (ketoximes) and acetylene in superbase catalytic systems (Trofimov reaction). It