

1. Record Nr.	UNINA9910812675303321
Titolo	Chemistry of pyrroles // Boris A. Trofimov, Al'bina I. Mikhaleva, Elena 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
Note generali	A CRC title.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Contents; Preface; Introduction; Chapter 1: Synthesis of 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
Sommario/riassunto	During the last 30 years, knowledge of the essential role that pyrrole 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