

1. Record Nr.	UNINA9910688222403321
Titolo	Alkenes // edited by Reza Davarnejad, Baharak Sajjadi
Pubbl/distr/stampa	London, England : , : InTech, , 2021
Descrizione fisica	1 online resource (180 pages)
Disciplina	547.412
Soggetti	Alkenes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>In organic chemistry, Alkenes, also known as olefins, are the unsaturated hydrocarbons with the general formula of C_nH_{2n} that contains one or more carbon-carbon double bonds in their chemical structures ($RC=CR'$). The presence of this double bond allows alkenes to react in ways that alkanes cannot. Hence, alkenes find many diverse applications in industry. These compounds are widely used as initial materials in the synthesis of alcohols, plastics, lacquers, detergents, and fuels. The current book includes all knowledge and novel data according to the structure of alkenes, their novel synthesis methods, and their applications. In addition, manufacture, properties, and the use of polyalkenes are the other important topics that are covered in this book. These data are collected by the efforts and contributions of many authors and scientists from all over the globe, and all of us are ready to further improve the contents of this book as per the readers' comments.</p>