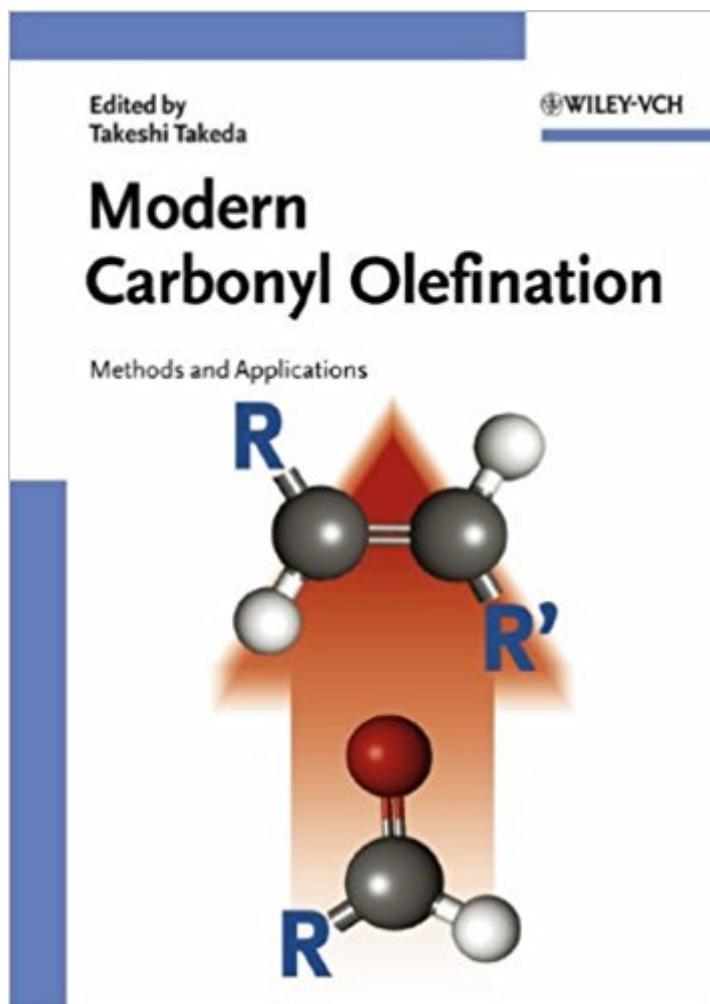


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Modern Carbonyl Olefination: Methods And Applications



Synopsis

While this important reaction class is among the most important and most widely used in organic chemistry, this is the first book to summarize the many different olefination methods, including: Wittig reaction; Peterson reaction; Julia olefination; Utilizing the Tebbe and related reagents; Low-valent chromium, zinc or titanium mediated olefination; and, McMurry coupling. This title covers the related reactions in each case and the application to asymmetric synthesis. It thus collates in one ready reference the current level of knowledge as well as new developments in this constantly evolving field-information which until now has been dispersed throughout the literature.

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"Although there are many papers on this topic, this is the first book that pull them all together in a volume that can become a milestone for organic chemists." (Antonio Rescifina, Dep. of Chemical Sciences, Univ. of Catania, Italy, European Journal of Medicinal Chemistry, 2005) "Overall, this is a good book, which will be of use to practising synthetic chemists." (Peter Spargo, Organic Process Research & Development)

While this important reaction class is among the most important and most widely used in organic chemistry, this is the first book to summarize the many different olefination methods, including: Wittig reaction Peterson reaction Julia olefination Utilizing the Tebbe and related reagents Low-valent chromium, zinc or titanium mediated olefination McMurry coupling Plus the related

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