



Carbanion Chemistry

By R. Bates

Springer Jan 2012, 2012. Taschenbuch. Book Condition: Neu. 235x155x7 mm. This item is printed on demand - Print on Demand Neuware - This book was prepared with the idea of collecting some of the multitudinous new literature on carbanions and presenting it along with the fundamentals of carbanion chemistry. Some 400 papers from the period 1976 to 1982 have been assimilated into the book along with about an equal number of references (many to reviews) from the earlier literature. The material is organized under the headings Structures (with emphasis on the results of X-ray studies since they unambiguously show the molecular geometry), Preparations, and Reactions. Reactions, the largest topic, is divided into reactions with electrophiles, eliminations, oxidations, and rearrangements. Under these headings, carbanions without resonance stabilization ($0'$ carbanions) are generally discussed first, and are further subdivided into Sp^3 (alkyl) followed by Sp^2 (vinyl and aryl) followed by sp (acetylenic); resonance stabilized (n) hydrocarbon anions such as allyl and benzyl follow; lastly, heteroatom-containing n carbanions such as enolates are considered. Some references to carbanion equivalents are included at the end. Tucson, Arizona U.S.A. Robert B. Bates May 1983 Craig A. Ogle Table of Contents I. Introduction 1 II....



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