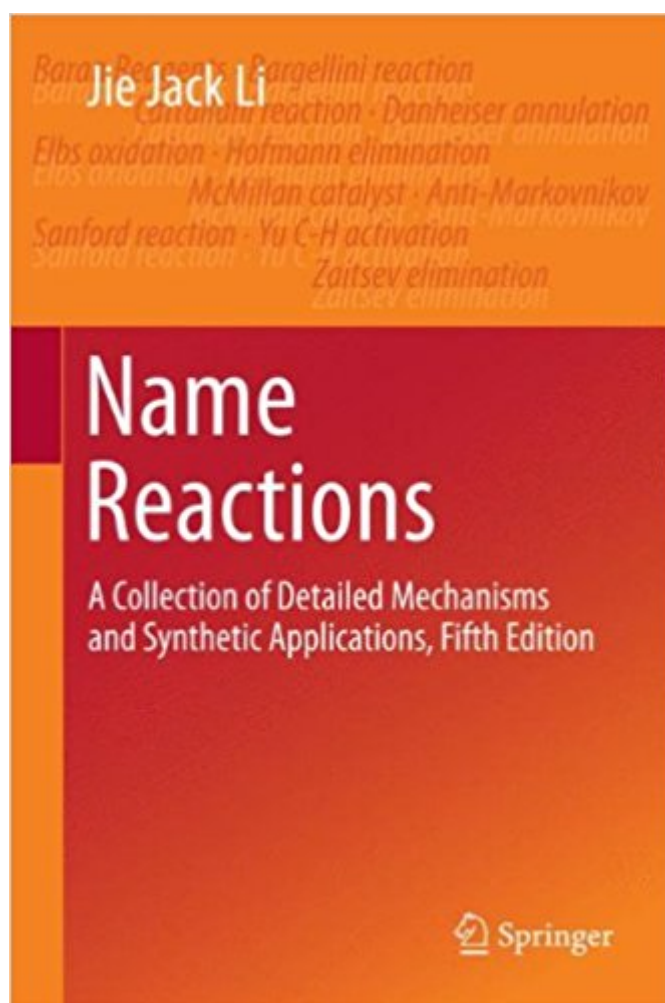




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Name Reactions: A Collection Of Detailed Mechanisms And Synthetic Applications Fifth Edition



Synopsis

In this fifth edition of Jack Jie Li's seminal "Name Reactions", the author has added twenty-seven new name reactions to reflect the recent advances in organic chemistry. As in previous editions, each reaction is delineated by its detailed step-by-step, electron-pushing mechanism and supplemented with the original and the latest references, especially from review articles. Now with addition of many synthetic applications, this book is not only an indispensable resource for advanced undergraduate and graduate students, but is also a good reference book for all organic chemists in both industry and academia. Unlike other books on name reactions in organic chemistry, Name Reactions, A Collection of Detailed Reaction Mechanisms and Synthetic Applications focuses on the reaction mechanisms. It covers over 320 classical as well as contemporary name reactions.

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From the book reviews: "Li (Univ. of San Francisco; formerly, Pfizer and Bristol-Myers Squibb) continues to update and improve his series on named organic chemical reactions with this fifth edition. The book illustrates the stepwise mechanisms of each reaction, making it an excellent teaching tool for undergraduates. Academic libraries supporting organic chemistry programs as well as professional organic chemists will want to own this book. Summing Up: Recommended. Lower-division undergraduates through professionals/practitioners." (R. E. Buntrock, Choice, Vol. 52 (3), November, 2014)

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