



# Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition

By Jie Jack Li

Download now

Read Online ➔

## Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li

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.

↓ [Download Name Reactions: A Collection of Detailed Mechanism ...pdf](#)

📖 [Read Online Name Reactions: A Collection of Detailed Mechani ...pdf](#)

# Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition

*By Jie Jack Li*

**Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition** By Jie Jack Li

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.

**Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition** By Jie Jack Li **Bibliography**

- Sales Rank: #785257 in Books
- Published on: 2014-01-31
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x 1.50" w x 6.14" l, 2.40 pounds
- Binding: Hardcover
- 681 pages

 [Download Name Reactions: A Collection of Detailed Mechanism ...pdf](#)

 [Read Online Name Reactions: A Collection of Detailed Mechani ...pdf](#)

## **Download and Read Free Online Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li**

---

### **Editorial Review**

#### **Review**

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)

#### **From the Back Cover**

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.

#### **About the Author**

Jie Jack Li earned his Ph.D. in organic chemistry in 1995 at Indiana University. After a stint as a postdoctoral fellow MIT, he worked as a medicinal chemist at Pfizer and Bristol-Myers Squibb from 1997 to 2012. He is now an Associate Professor of Chemistry at the University of San Francisco teaching organic and medicinal chemistry. He has published 17 books ranging from organic chemistry, medicinal chemistry to the history of drug discovery. Most recent books include: *Total Synthesis of Natural Products: At the Frontiers of Organic Chemistry* (2013, Springer) with E.J. Corey; *Drug Discovery: Practices, Processes, and Perspectives*, (2013, Wiley) with E.J. Corey; *Modern Drug Synthesis* (2010, Wiley), with Doug Johnson; and *Triumph of the Heart-the Story of Statins* (2009, Oxford University Press).

### **Users Review**

#### **From reader reviews:**

#### **Floy Knowles:**

Spent a free time to be fun activity to perform! A lot of people spent their spare time with their family, or all their friends. Usually they undertaking activity like watching television, going to beach, or picnic inside park. They actually doing same thing every week. Do you feel it? Would you like to something different to fill your personal free time/ holiday? Could possibly be reading a book might be option to fill your totally

free time/ holiday. The first thing you ask may be what kinds of e-book that you should read. If you want to test look for book, may be the e-book untitled Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition can be very good book to read. May be it might be best activity to you.

**Katherine Contreras:**

Playing with family within a park, coming to see the coastal world or hanging out with buddies is thing that usually you might have done when you have spare time, then why you don't try issue that really opposite from that. Just one activity that make you not experiencing tired but still relaxing, trilling like on roller coaster you are ride on and with addition of knowledge. Even you love Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition, you can enjoy both. It is great combination right, you still would like to miss it? What kind of hang type is it? Oh can happen its mind hangout fellas. What? Still don't have it, oh come on its referred to as reading friends.

**Gordon Lipsky:**

As a pupil exactly feel bored to reading. If their teacher inquired them to go to the library as well as to make summary for some guide, they are complained. Just little students that has reading's internal or real their pastime. They just do what the instructor want, like asked to go to the library. They go to right now there but nothing reading seriously. Any students feel that reading is not important, boring in addition to can't see colorful photos on there. Yeah, it is for being complicated. Book is very important for you. As we know that on this age, many ways to get whatever we really wish for. Likewise word says, ways to reach Chinese's country. Therefore , this Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition can make you truly feel more interested to read.

**Bonnie Howe:**

Book is one of source of knowledge. We can add our knowledge from it. Not only for students but additionally native or citizen require book to know the update information of year in order to year. As we know those ebooks have many advantages. Beside all of us add our knowledge, could also bring us to around the world. Through the book Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition we can consider more advantage. Don't that you be creative people? To become creative person must choose to read a book. Just simply choose the best book that suited with your aim. Don't possibly be doubt to change your life with that book Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition. You can more desirable than now.

**Download and Read Online Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li #1EJ03Q8PVYW**

## **Read Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li for online ebook**

Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li books to read online.

### **Online Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li ebook PDF download**

**Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li Doc**

**Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li Mobipocket**

**Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li EPub**

**1EJ03Q8PVYW: Name Reactions: A Collection of Detailed Mechanisms and Synthetic Applications Fifth Edition By Jie Jack Li**