



Name Reactions of Functional Group Transformations

By Jie Jack Li, E. J. Corey

Download now

Read Online 

Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey

This practical, well-organized reference delves deeply into functional group transformations, to provide all the detailed information that researchers need.

- Topics are organized into the following sections: oxidation, reduction, asymmetric synthesis, and functional group manipulations
- Each section includes a description of the functional group transformation, the historical perspective, mechanisms, variations and improvements on the reaction, synthetic utilities and applications for the reaction, experimental details, and references to the primary literature
- Contributors are well-known and respected for their work on the specific name reactions.

 [Download Name Reactions of Functional Group Transformations ...pdf](#)

 [Read Online Name Reactions of Functional Group Transformatio ...pdf](#)

Name Reactions of Functional Group Transformations

By Jie Jack Li, E. J. Corey

Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey

This practical, well-organized reference delves deeply into functional group transformations, to provide all the detailed information that researchers need.

- Topics are organized into the following sections: oxidation, reduction, asymmetric synthesis, and functional group manipulations
- Each section includes a description of the functional group transformation, the historical perspective, mechanisms, variations and improvements on the reaction, synthetic utilities and applications for the reaction, experimental details, and references to the primary literature
- Contributors are well-known and respected for their work on the specific name reactions.

Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey Bibliography

- Sales Rank: #3261918 in Books
- Published on: 2007-07-16
- Original language: English
- Number of items: 1
- Dimensions: 9.55" h x 1.60" w x 7.80" l, 3.18 pounds
- Binding: Hardcover
- 768 pages



[Download Name Reactions of Functional Group Transformations ...pdf](#)



[Read Online Name Reactions of Functional Group Transformatio ...pdf](#)

Download and Read Free Online Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey

Editorial Review

Review

"Unlike many previous books on name reactions, which present many reactions but treat them superficially, this book provides an excellent selection of useful name reactions, which have been given in depth, well-illustrated, instructional, and well-referenced accounts." (*Journal of Medicinal Chemistry*, February 2008)

"Helps you explore how you think, communicate and react, allowing you to change your behaviours and become a more expert professional practitioner." (*Journal of Perioperative Practice*, April 2008)

"Reading this book has been enjoyable experience. Again and again, one comes across surprising reaction possibilities of well-known reagents, or some lesser known variants of common transformations." (*Angewandte Chemie*)

"This book provides an excellent selection of useful name reactions, which have been given in depth, well-illustrated, instructional, and well-referenced accounts." (*Journal of Medicinal Chemistry*, January 11, 2008)

From the Back Cover

A survey of important transformations that are representative of the whole range of functional groups

This comprehensive reference delves into the details of name reactions that are important to researchers. It presents an up-to-date account of forty-seven major classes of functional group transformations and also serves to interconnect them. The book includes reviews from leading scientists in their specialty areas—all organized uniformly, making it easy to access information.

Topics are organized into the following sections:

- Asymmetric synthesis
- Reduction
- Oxidation
- Olefination
- Amine synthesis
- Carboxylic acid derivatives synthesis
- Miscellaneous functional group manipulations

Each section includes a description of:

- The functional group transformation
- Mechanisms
- Synthetic utilities and applications for the reaction
- References to the primary literature
- The historical perspective
- Variations and improvement on the reaction
- Experimental details

With nineteen contributors from academia and industry, some of whom discovered the reactions they

describe, *Name Reactions for Functional Group Transformations* is a state-of-the-art resource for organic and medicinal chemists conducting research in industries such as pharmaceuticals, fine chemicals, ag-biotech, and polymers, as well as for graduate students in organic chemistry. It is an ideal companion to the first volume of this series, *Name Reactions in Heterocyclic Chemistry*.

About the Author

Jie Jack Li is a medicinal chemist at Pfizer Global Research and Development in Ann Arbor, Michigan. He is coauthor of *Contemporary Drug Synthesis* and editor of *Name Reactions in Heterocyclic Chemistry* (both from Wiley).

E. J. Corey, Professor Emeritus at Harvard University, is scientific editorial advisor for this book. Dr. Corey won the Nobel Prize in Chemistry in 1990 for his development of the theory and methodology of organic synthesis, and was awarded the Priestley Medal in 2004.

Users Review

From reader reviews:

Elena Sparrow:

Have you spare time for the day? What do you do when you have considerably more or little spare time? That's why, you can choose the suitable activity with regard to spend your time. Any person spent their own spare time to take a go walking, shopping, or went to typically the Mall. How about open as well as read a book allowed *Name Reactions of Functional Group Transformations*? Maybe it is to be best activity for you. You already know beside you can spend your time with your favorite's book, you can better than before. Do you agree with their opinion or you have other opinion?

Gina Dana:

The feeling that you get from *Name Reactions of Functional Group Transformations* may be the more deep you rooting the information that hide inside the words the more you get serious about reading it. It doesn't mean that this book is hard to understand but *Name Reactions of Functional Group Transformations* giving you thrill feeling of reading. The copy writer conveys their point in selected way that can be understood through anyone who read the item because the author of this publication is well-known enough. That book also makes your vocabulary increase well. Making it easy to understand then can go along with you, both in printed or e-book style are available. We propose you for having this kind of *Name Reactions of Functional Group Transformations* instantly.

Shirley Eagle:

Do you have something that you enjoy such as book? The guide lovers usually prefer to choose book like comic, limited story and the biggest you are novel. Now, why not striving *Name Reactions of Functional Group Transformations* that give your fun preference will be satisfied simply by reading this book. Reading routine all over the world can be said as the way for people to know world a great deal better then how they react in the direction of the world. It can't be stated constantly that reading habit only for the geeky man or woman but for all of you who wants to become success person. So , for all of you who want to start reading

as your good habit, it is possible to pick Name Reactions of Functional Group Transformations become your own personal starter.

Georgia Yorke:

Beside this specific Name Reactions of Functional Group Transformations in your phone, it might give you a way to get closer to the new knowledge or facts. The information and the knowledge you are going to get here is fresh in the oven so don't become worry if you feel like an old people live in narrow commune. It is good thing to have Name Reactions of Functional Group Transformations because this book offers to you readable information. Do you sometimes have book but you seldom get what it's about. Oh come on, that would not happen if you have this inside your hand. The Enjoyable blend here cannot be questionable, like treasuring beautiful island. So do you still want to miss that? Find this book and read it from at this point!

Download and Read Online Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey #HSKJA4U5OPG

Read Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey for online ebook

Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey 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 of Functional Group Transformations By Jie Jack Li, E. J. Corey books to read online.

Online Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey ebook PDF download

Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey Doc

Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey MobiPocket

Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey EPub

HSKJA4U5OPG: Name Reactions of Functional Group Transformations By Jie Jack Li, E. J. Corey