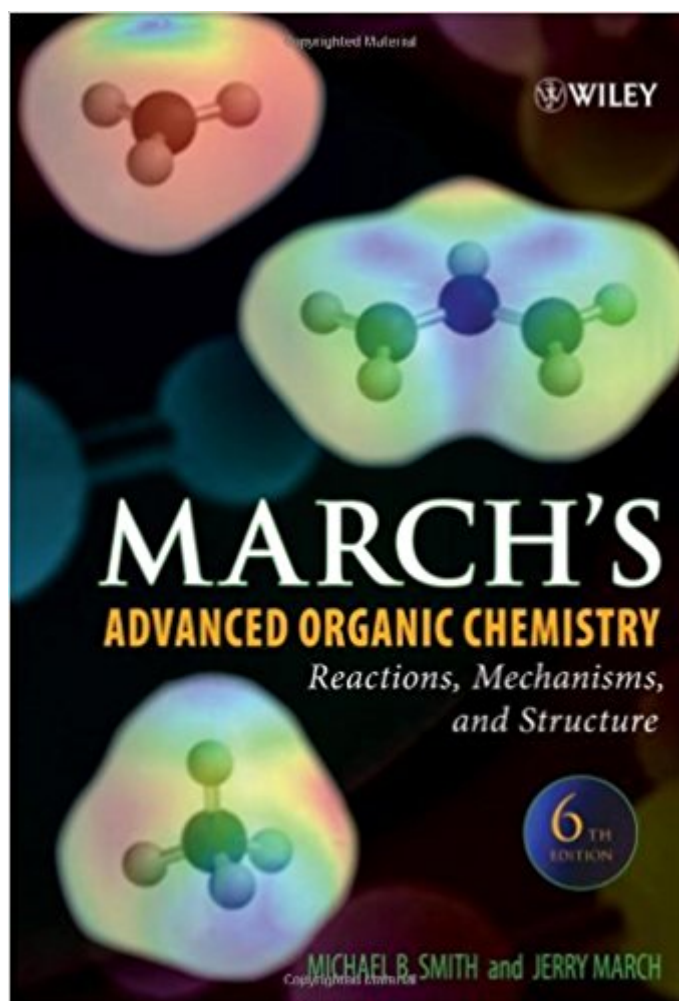


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# March's Advanced Organic Chemistry: Reactions, Mechanisms, And Structure



## Synopsis

The Sixth Edition of a classic in organic chemistry continues its tradition of excellence. Now in its sixth edition, March's Advanced Organic Chemistry remains the gold standard in organic chemistry. Throughout its six editions, students and chemists from around the world have relied on it as an essential resource for planning and executing synthetic reactions. The Sixth Edition brings the text completely current with the most recent organic reactions. In addition, the references have been updated to enable readers to find the latest primary and review literature with ease. New features include: More than 25,000 references to the literature to facilitate further research. Revised mechanisms, where required, that explain concepts in clear modern terms. Revisions and updates to each chapter to bring them all fully up to date with the latest reactions and discoveries. A revised Appendix B to facilitate correlating chapter sections with synthetic transformations.

## Book Information

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## Customer Reviews

"Who can hope to be seriously accepted as a member of the organic chemistry community without being in possession of at least one edition of 'March'?" (Chemistry & Industry, 7th May 2007)

"...a favorite general organic chemistry text and an easy-to-use one-volume reference. We are confident that this book will remain a dominant reference and that it will reside on many chemists' personal bookshelves." (Journal of Medicinal Chemistry, March 22, 2007)

The Sixth Edition of a classic in organic chemistry continues its tradition of excellence. Now in its

sixth edition, March's Advanced Organic Chemistry remains the gold standard in organic chemistry. Throughout its six editions, students and chemists from around the world have relied on it as an essential resource for planning and executing synthetic reactions. The Sixth Edition brings the text completely current with the most recent organic reactions. In addition, the references have been updated to enable readers to find the latest primary and review literature with ease. Each successive edition of March's continues to garner international praise. Here is what one reviewer said of the Fifth Edition: "The book remains a tremendous value for the money . . . more pages per buck than most other texts . . . so it will remain a firm favorite as a general organic text and an easy-to-use one-volume reference . . . it will undoubtedly appear in all organic chemistry libraries and probably on many chemists' personal bookshelves too." Organic Process Research & Development The Sixth Edition carries on the tradition of excellence with such new features as: More than 25,000 references to the literature to facilitate further research Revised mechanisms, where required, that explain concepts in clear modern terms Revisions and updates to each chapter to bring them all fully up to date with the latest reactions and discoveries A revised Appendix B to facilitate correlating chapter sections with synthetic transformations

A good book overall, teeming with updated references and indispensable for the working organic chemist, graduate student, or advanced undergraduate. The section on acidity concepts is especially excellent, with a detailed survey of the factors contributing to a compound's acidity and enormous pK<sub>a</sub> table. Unfortunately, there is not much material on organometallic chemistry, which has gained in prominence in terms of recent synthetic methods. Also, there is a noticeable decline in editorial quality between the recent editions (5th and 6th) and previous editions. Schemes have been redrawn in ChemDraw, but some are poorly rendered, and there are missing or extra formal charges, bonds, etc., as well as typos in the main text. Also, some out of date theories, like d-orbital participation being a major contributor in third-row and heavier bonding continue to be presented without reservation. Like previous editions, MO theory is presented in a cursory and unenlightening manner.

This makes organic harder Does give easy and clear explanation It took me time to understand what's going on

This book does not "teach" you chemistry in the traditional textbook way. It basically has some basic info on various chemistry topics and expects you to do some extra legwork to find more specific info.

The references provided on every page are GREAT but most are meant for ADVANCED students, not first-year organic chemistry students. And remember you have to look up those references yourself because this book can't go to the library for you. It works great in the office/lab as well because you can use the references whenever you need to look something up, not just for classroom use.

This book is great to own--it is full of references, extended bibliographies, and in-depth explanations for topics in advanced general organic chemistry. Unlike a lot of books I have bought for college, I plan to hold on to this beautiful reference material!

As for the 5th edition this new one is really clear and fully of bibliographic reference. I really appreciate that, now, the references are below at the page and not at the end of the chapter, from me this change help to finding the information. I think that this is one of the most complete book for the organic chemist.

This book is great, as most people said, awesome as a reference text. Covers most of the reactions, their mechanisms and the use of reagents. I guess this is one of those books which covers so much that your next step is your specialization. It is NOT a textbook, but there's a LOT you can learn out of it. There are hardly any topics left out of March, but there are a few things that I guess COMPLETE an organic Chemist - Heterocyclic chemistry, Pericyclic reactions, Biochemistry, Nomenclature. But apart from that, this book doesn't EXPLAIN, but rather comes to the point at lots of places, and expects the reader to understand. If you're not into that, then I suggest Carey's advanced organic chemistry.

It is very difficult to rewrite reviews for 6th edition of the "March". Classical flagships among textbooks and reference books in organic chemistry, unbeatable. With 7000 new references it brings unbelievable 25k reference citations, very well organized on the bottom of the pages. Excellent indexes, very good cross view between 5th edition and 6th edition aligning chapters of different numbering, perfect drawings made in CamSoft ChemDraw, etc. etc. As the text and accompanying material is polished and polished edition to edition, it is very difficult to do anything else but to praise this excellent reference book, which hardly could be omitted in any chemical laboratory. Not only that but hardcover book of 2357 pages for \$73 at is not only a good book but also a good buy.

i always thought this book was overrated. it's just not a text you can sit down, relax, and enjoy. it's definitely a reference text, and for a reference text, it's definitely not the first one I go to.

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