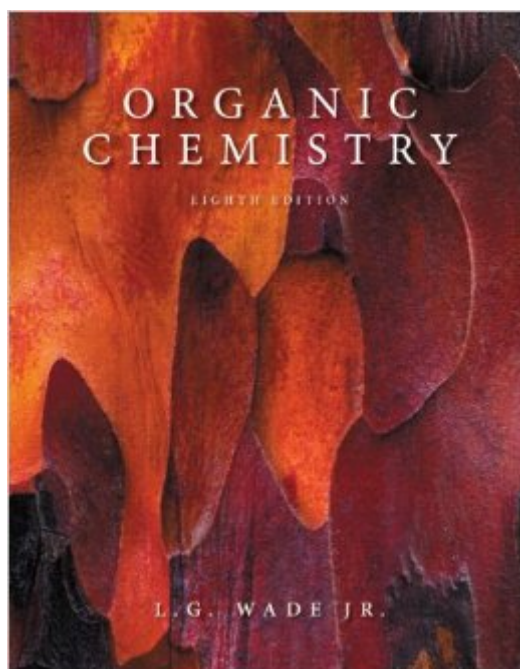


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Organic Chemistry (8th Edition)



Synopsis

Acclaimed for its clarity and precision, Wade's Organic Chemistry maintains scientific rigor while engaging students at all levels. Wade presents a logical, systematic approach to understanding the principles of organic reactivity and the mechanisms of organic reactions. This approach helps students develop the problem-solving strategies and the scientific intuition they will apply throughout the course and in their future scientific work. The Eighth Edition provides enhanced and proven features in every chapter, including new Chapter Goals, Essential Problem-Solving Skills and Hints that encourage both majors and non-majors to think critically and avoid taking "short cuts" to solve problems. Mechanism Boxes and Key Mechanism Boxes strengthen student understanding of Organic Chemistry as a whole while contemporary applications reinforce the relevance of this science to the real world. This package contains: Organic Chemistry, Eighth Edition NOTE: This is the standalone book Organic Chemistry, 8/e if you want the book/access card order the ISBN below: 0321768140 / 9780321768148 Organic Chemistry Plus MasteringChemistry with eText -- Access Card Package Package consists of: 0321768418 / 9780321768414 Organic Chemistry 0321773799 / 9780321773791 MasteringChemistry with Pearson eText -- Valuepack Access Card -- for Organic Chemistry

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Customer Reviews

When I retired from teaching in a junior college a few years ago I decided to continue studying one thing or the other at home since I enjoy it and also because the "experts" assure us that mental exercise can help ward off old age mental decline. A chemistry professor told me that he thought I

would find organic chemistry to be quite challenging. I had double majored in physics and math in college about 50 years before but had only had one year of basic chemistry. So I bought the organic chemistry textbook that happened to be in the college bookstore--not the Wade book--went home, and confidently turned to page one. After a few pages I decided that it might be best if I purchased a basic chemistry book for a quick review before trying to go forward in organic. When I opened the basic chemistry book for my quick review, it was as if I'd never seen any of the material before. I spent the next two years studying basic chemistry in my spare time before returning to organic chemistry. The organic chemistry book I had purchased was pretty good but nevertheless it wasn't long before I came across a concept that wasn't clear to me. So I bought another organic chemistry book at a different nearby university and when I read about the same topic in it I finally understood. I enjoy self-study so I don't mind going from book to book when trying to understand a difficult concept. I had even purchased a third organic chemistry book before I finally read about the Wade book. I consider the first three organic books I bought to be quite good but I wish I had accidentally started with the Wade book--it is truly outstanding. It is a rigorous book that emphasizes conceptual understanding and thoughtful problem solving.

Having only recently completed two semesters of undergraduate-level organic chemistry, I can't say that I'm familiar with many orgo textbooks outside of this one. But based on my experience reading Wade's Organic Chemistry (7th ed.), I have to say that this is a solid, dependable text for any student studying organic chemistry, either in school or independently. The textbook can be divided informally into three 'parts': basic principles of organic compounds and reactions (Ch. 1-6, which cover atomic structure and bonding, acidity, alkanes and cycloalkanes, stereochemistry, alkyl halides, and substitution and elimination reactions); functional groups (Ch. 7-22, which encompass the structure, physical properties, spectroscopy (first examined in Ch. 12-13), and reactions of the various organic functional groups); and 'applied' organic chemistry (Ch. 23-26, which provide a brief introduction to biochemistry and polymer chemistry). As one might expect, there is considerable overlap in terms of coverage among the three parts: Chapters 7-22, for example, repeatedly build upon not only upon the principles introduced in the first six chapters, but also on each other with regard to reagents, syntheses, mechanisms, and usage. Similarly, biological and industrial examples are included throughout the text (often as side notes, but occasionally as separate sections) well before the third part of the book introduces them in greater detail. What makes the book particularly instructive is its visual consistency with regard to presenting and organizing the material. Color-coding (to me, at least) is a massive boon when studying reaction mechanisms and

organic structures, and for much of the text different colors are preserved for specific chemical features.

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