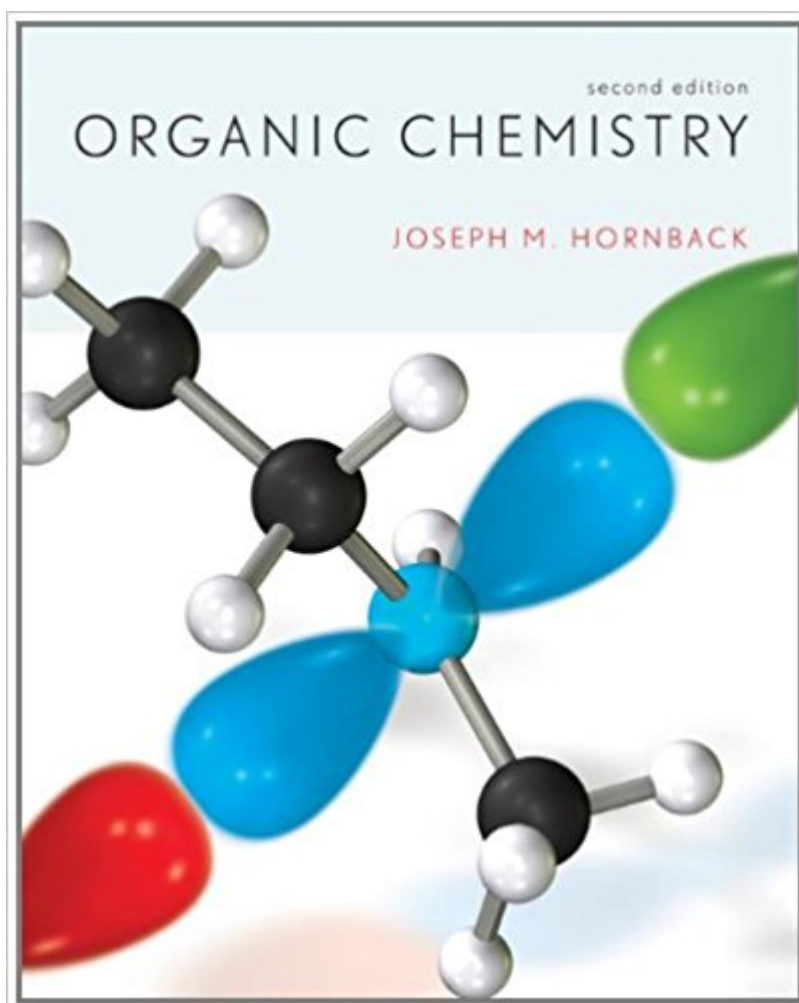




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Organic Chemistry (with Organic ChemistryNOW) (Available Titles OWL)



Synopsis

ORGANIC CHEMISTRY, Second Edition - the first mechanistic-oriented book written at a level that organic chemistry students will understand! Specifically, the focus on mechanisms is a unifying theme, rather than just an organizing principle. Organizationally mainstream, it is unique in bringing in mechanisms as a unifying principle, and reactions are organized by mechanism type not by functional groups. And now, text/media integration has never been so seamless with the introduction of Organic ChemistryNow for ORGANIC CHEMISTRY, Second Edition.

Book Information

Series: Available Titles OWL

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Average Customer Review: 4.3 out of 5 stars 25 customer reviews

Best Sellers Rank: #46,439 in Books (See Top 100 in Books) #105 in Books > Science & Math > Chemistry > Organic #308 in Books > Textbooks > Science & Mathematics > Chemistry #2277 in Books > Textbooks > Education

Customer Reviews

"Hornback will serve the average students well and also be an excellent foundation for further exploration by more advanced students. Overall the writing style is concise and focused, helping the students stay focused on the most important concepts of the chapter without becoming lost in details and distractions." "I share the author's view that the mechanistic approach is really the only good way to teach the material. I also support the author's focus on major mechanistic classes, while not covering less important classes of reactions." "The end-of-chapter problems as well as the problems within the chapters are excellent. Many questions work students through the necessary fundamentals. Only thereafter are more sophisticated problems introduced." "Hornback's mechanistic organization is only different from our current approach in that we cover the functional groups as the major topic of most chapters. But our underlying approach is basically mechanistic. Therefore using Hornback would not present any significant challenges." "I prefer this mechanistic

approach as it is the only realistic way to avoid rote memorization by students of the volume of material presented and it exposes them to the inherent logic of the discipline."

Joseph M. Hornback was born and raised in southwestern Ohio. He received a B.S. degree in chemistry, magna cum laude, from the University of Notre Dame in 1965. He then attended the Ohio State University on an NSF traineeship and received his Ph.D. in 1968. He then moved to the University of Wisconsin on an NIH postdoctoral fellowship. In 1970, Joe joined the chemistry faculty at the University of Denver, where he is now Professor of Chemistry and Biochemistry. His research interests are in the areas of synthetic organic chemistry and organic photochemistry. He has served in a number of administrative positions, including Associate Dean for Undergraduate Studies, Associate Dean for Natural Sciences, Mathematics, and Engineering, and Director of the Honors Program. His first love has always been teaching and he has taught organic chemistry nearly every term, even when he was an administrator. He has received the Natural Science Award for Excellence in Teaching and the Outstanding Academic Advising Award.

The paper is so thin that you can see right through it to the printing on the other side and the page behind it. extremely distracting when trying to study

I have purchased 4 Organic Chemistry textbooks searching for the one that would help me understand the mechanics of the various reaction mechanisms. THIS BOOK WAS EXCELLENT at explaining one of the hardest concepts I have had to learn in Organic Chemistry, REACTION MECHANISMS and how/why they work. NOTE: This author is not as clear and concise when explaining some of the basics, but if you have had a good inorganic chemistry class you don't really need it. If you haven't then get 'Organic chemistry as a second language' and review.

This is my favorite book for my favorite class. I spent a lot of quality time with book on Friday nights, doing homework. We have a special bond that can never be broken. Expensive book but don't regret making the purchase.

Excellent text. Wish I had it when I was an undergraduate -- but a good part of the books contents were first being discovered then... :-)

I used Hornback's 2nd edition for my introductory organic chemistry courses and found the text to

be excellent, and often surpassing the in-class instruction I received from my professor. If you are an undergraduate student taking organic chemistry I would recommend this text above all others. I often refer to it as a reference now that I am taking advanced organic chemistry. If you read this text, you will do well in your course regardless of the calibre of instruction you are receiving.

Exactly what I wanted was basically new

This is a pretty standard Organic Chemistry text. The book provides good explanations, suitable graphics and a nice cross reference of information.

I used this book to teach myself organic chemistry and got myself through the DAT.

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