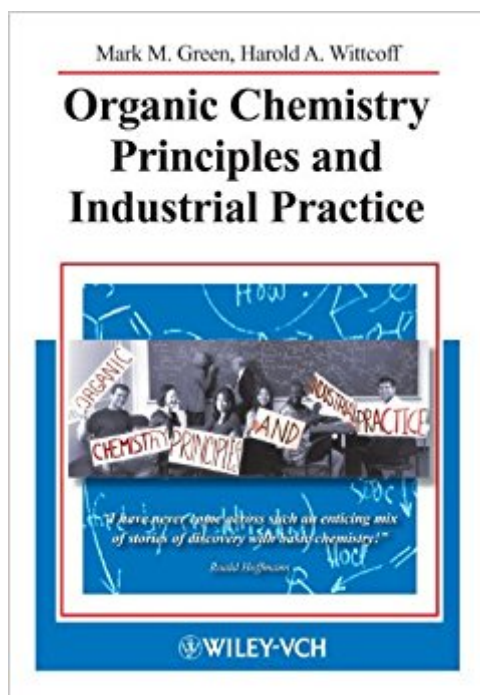


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Organic Chemistry Principles And Industrial Practice



Synopsis

In this textbook, designed to be used with classic texts of organic chemistry at the undergraduate level, or standing alone for more advanced students, the two experts, M. M. Green and H. A. Wittcoff bring together the principles and the practice. Written for students, while also giving much information that may be used to enhance teaching of the subject, the book's ten concise chapters combine important commercial and practical processes with the principles of organic chemistry. The result is a source of otherwise barely accessible information. In addition, personal anecdotes from the authors' vast experience make this a fascinating and indispensable textbook for everyone wishing to enhance an appreciation of this subject. Reviews: "This book is a joy to read (and re-read)." – James A. Moore, Rensselaer Polytechnic Institute "This very interesting book is going to find a unique place in the repertoire of organic textbooks." – James Canary, New York University "Simply put, this book is a gem. The chemistry described is rigorous but the warm, humorous, and conversational writing style makes the book a joy to read." – Dasan M. Thamattoor, Colby College "I have never come across such an enticing mix of stories of discovery with basic chemistry!" – Roald Hoffmann, Cornell University "This is a highly original book filling an obvious need." – Herbert Morawetz, Polytechnic University "This book is a delightful contribution to the field of organic chemistry that offers a useful pedagogical approach." – Pedro Cintas, Facultad de Ciencias-UEX Badajoz, Spain "What an excellent read! The book, intended for organic chemistry students, is in the style of the first books on organic chemistry by Isaac Asimov which impressed me as a teenager in the 1960's. It makes the discovery of new chemicals and processes seem exciting, and emphasises the importance of academic understanding in the development of the chemical industry. (...) The book is full of interesting anecdotes, often related to serendipitous discoveries. But, as Louis Pasteur said, "Chance favours the prepared mind". (...) One interesting story on the cracking of petroleum and the subsequent build up of coke deposits relates to a father who was so obsessed with the subject that he called his son Carbon; Carbon then named his own daughters Methyl and Ethyl. In my opinion, any father who saddles his children with such names might be regarded as a well known arsenic heterocycle! In conclusion, all organic chemists should read this book for pleasure, not just to learn new knowledge. I hope the authors can be persuaded to write a second volume which covers the fine chemicals industry." – Organic Process Research & Development, Dr. Trevor Laird "This is a unique, fascinating book that bridges organic chemistry principles with chemical industrial applications. The story telling style make the reading/learning experience extremely enjoyable." – Qiao-Sheng Hu, College of Staten Island, City University of New York

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Customer Reviews

"A well-structured, easy-to-read introduction to the principles of organic chemistry with a new didactic approach" offers valuable and new ideas" (Chimie Nouvelle, Vol.23, No.88, March 2005) "this book excels, providing a wealth of information, insight, and inventive teaching". I intend to enjoy this text again and refer to it often. (Journal of Chemical Education, August 2004) "The authors bring the principles and practice together in one textbook, with personal anecdotes to enliven the subject." (Depauw Magazine, Summer 2004) "it is a fascinating presentation that is easy to read and keeps the reader alert by providing the historical details that put the industrial procedures into perspective." (Clinical Chemistry, October 2004) "They (authors) also provide insight on how the well-being of corporate enterprises can, through a deep understanding of chemistry, complement the well-being of society and the global environment." (C & EN, July 19, 2004)

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good reading materials for engineers working in chemical industry. Hope author can update the contents to include the latest developments in commercial chemical product process and its chemistry.

Good introduction to industrial chemistry and really the book is more about the synthesis of the monomers that are important for synthesizing polymers. I had the pleasure of Mark Green teaching this book to me as a first year graduate student at NYU. It's a good resource, but it doesn't really have the time to go deep into any one topic. I would say it's a valuable tool for a class and it's a good way to get into a specific subject. If you want a more in-depth book look in getting other books written by the late great Harold A Wittcoff.

If you have a contempt for organic chemistry, don't buy this book. It's not for you. You are not worthy. This is not a book about understanding organic chemistry. It's not a review book. It's not a text book. It is a supplemental book that brings organic chemistry into real life. It's not dumbed down.

It's real stuff. Very, very interesting. I would suggest it to go alongside an organic course as an additional text. Perhaps one to be discussed during recitations. Perhaps only for the 'in major' organic students. If you hate organic, stay away from this book. It's too good for you and we have no time for your whining. Ken

I highly recommend this book for anyone who has taken a semester or more of Organic and wants to know where and how the principles learned are applied in the real world, in the chemical industry. I found that discovering how the concepts of organic chemistry are used in the industrial world, and the history behind them, helped me appreciate and remember them much better. The writing style is excellent and keeps you engaged and interested throughout the book.

This book solidified my contempt for the subject of organic chemistry. No wonder it's so cheap. The book is so confusing, it's content so lacking...where did the authors buy their degrees?

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