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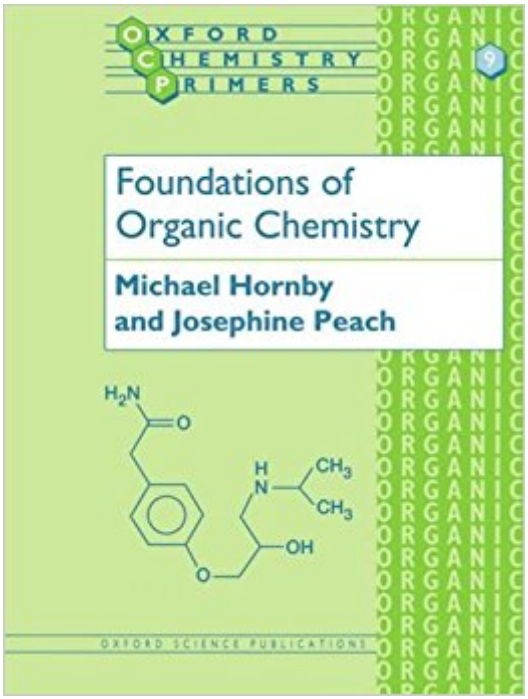
Foundations Of Organic Chemistry (Oxford Chemistry Primers)



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Synopsis

Advanced high-school and beginning undergraduate students will find this book a readable and stimulating summary of the fundamentals of organic chemistry. The first three chapters introduce basic physical chemistry and lay the groundwork for the mechanistic organic chemistry covered later in the book. The importance of bonding and mechanisms are stressed throughout, and students are encouraged to apply their chemical knowledge in new and unfamiliar situations in order to develop and sustain their interest. The wide range of examples includes natural products and pharmaceuticals, with the final chapter exploring some new developments and providing an introduction to current research.

Book Information

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Customer Reviews

’This book, one of the Oxford Chemistry Primers, consolidates what should have been learnt at school and prepares the student for a university level course.’Peter Budd, New Scientist, September 1993’the treatment is clear and concise and includes some useful analogies ... Considering the very reasonable price and clear presentation, I have no hesitation in recommending this book as a study guide and revision aid for students attending school and FE colleges.’David Armstead, Education in Chemistry, November 1993’deals with quite advanced concepts in a confident and well-presented way, so that it covers a lot of ground in a small volume ... The text is well laid out, with wide page margins which contain comments and relevant exercises, and the book is attractive and easy to

read. This is quite simplythe best book for this stage that I have ever seen.’Bob Watson, School Science Review’well written with a design format twhich is easy to follow ... The numerous diagrams used throughout ... are clear, concise and informative. A good reading material for first year organic chemistry students and good value for money.’N. Peerzada, Chemistry in Australia, March 1994

Michael Hornby is at Stowe School, Buckinghamshire. Josephine Peach is at Somerville College, Oxford.

Bought this as a study aid for an admissions test. It was okay but really unnecessary used next to the Princeton Review OAT/DAT guide. They had everything needed. I was a Chemistry minor but had taken both my O-Chem classes 8 years ago. I think is meant for someone currently in the class and struggling. Even as a review aid it was only moderately helpful.

I bought this to help refresh my memory on general chemistry for an organic chemistry class. I Feel that it was a very good refresher, putting concepts into simple to determine examples.I only wish that i bought it a few weeks before class began...

Excellent book. great condition.

GOOD REVIEW BOOK

This primer concisely lays down the basic concepts required for a thorough understanding of organic chemistry, including those physical ones. Each concept is explained clearly and carefully with analogies and examples where necessary. There is a particular emphasis on identifying the common mechanistic themes between reactions, rather than the chemical differences between homologus series, as found in standard texts.I would recommend this book to interested A-level (pre-university) and university students, especially those having difficulty in appreciating that organic chemistry is more than a wide array of unconnected reactions.

I’ve found this to be a great little reference to have nearby when I need to remind myself of o-chem concepts. As small as it is, though, it covers just about everything in an undergrad course. I used it as a study guide - almost like a stack of index cards - know this book and you’ll have an excellent foundation.

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