



Step by Step Organic Chemistry: Volume 2

Dr. Janet L. Maxwell PhD

Download now

[Click here](#) if your download doesn't start automatically

Step by Step Organic Chemistry: Volume 2

Dr. Janet L. Maxwell PhD

Step by Step Organic Chemistry: Volume 2 Dr. Janet L. Maxwell PhD

Part 2 of a Two Volume Set. This is not a textbook, and has study summaries in it, but it's not really a study guide either. This well-organized book addresses the material of Organic Chemistry in such a way that students with different learning styles can master the concepts. Volume 1 assumes no knowledge of organic chemistry, and explains concepts at a very basic level. At the same time, the two volumes explain all the complex concepts and mechanisms needed to pass a typical two semester college-level Organic Chemistry Course in words that any student can understand. Volume 2 includes coverage of organic redox reactions, aliphatic syntheses, conjugated unsaturated systems, aromatic systems, pericyclic reactions, nucleophilic addition and substitution at the acyl carbon, enolates, C-13 NMR, an extensive review of nomenclature and brief coverage of mass spectroscopy and UV/Vis spectroscopy. Coverage of aliphatic synthesis includes a summary of all the reactions shown in the two volumes and gives several examples of how to put these together in multi-step syntheses. Coverage of aromatic reactions includes in-depth analysis of the electrophilic aromatic substitution mechanism, the effect of different substituents on the EAS mechanism, the two different types of nucleophilic aromatic reactions and summaries and examples for aromatic syntheses. Coverage of the nucleophilic addition and substitution at the acyl carbon, like coverage of all the other reactions in the volumes is extremely clear and well-organized, showing the different variations of these reactions in a specific, easy-to-understand progression. The same thing can be said for coverage of enolate ions and enols and their reactions. All mechanisms are color coded so that you can keep track of the atoms in the reaction. Coverage of nomenclature includes of a review of introductory nomenclature, nomenclature of dienes, aromatic compounds, carbonyl compounds, and carboxyl compounds and their derivatives. Coverage of nomenclature ends with an explanation of how to determine the priority of different functional groups in order to name multifunctional compounds. The end of most chapters contains a compilation of the summary of all the reactions in the chapter. This volume includes extensive coverage of C-13 NMR spectroscopy with an emphasis on both theory of NMR and on how to interpret the C-13 NMR Spectra of Organic Compounds. C-13 NMR spectra for all common classes of organic compounds are shown. The book does include some repetition of material, since the author believes that repetition is necessary to learn concepts. The summaries at the end of each chapter are a repetition of what was taught earlier in the chapter that can be used as a study guide. The reason that this book is split into two volumes is the fact that it exceeds the maximum page length for a book distributed by Amazon.com. The author tried to split the book in such a way that the topics usually covered in the first semester organic chemistry course are in the first volume while the topics usually covered in the second semester organic chemistry course are in the second volume. Perfect for studying for the MCAT, PCAT and other pre-professional exams. Note that the page numbering for Volume 2 ends where Volume 1 left off. The index includes pages numbers from both volumes.

 [Download Step by Step Organic Chemistry: Volume 2 ...pdf](#)

 [Read Online Step by Step Organic Chemistry: Volume 2 ...pdf](#)

Download and Read Free Online Step by Step Organic Chemistry: Volume 2 Dr. Janet L. Maxwell PhD

From reader reviews:

Sandra Williams:

Do you one of people who can't read pleasurable if the sentence chained within the straightway, hold on guys this particular aren't like that. This Step by Step Organic Chemistry: Volume 2 book is readable by you who hate those perfect word style. You will find the information here are arrange for enjoyable looking at experience without leaving possibly decrease the knowledge that want to deliver to you. The writer involving Step by Step Organic Chemistry: Volume 2 content conveys the thought easily to understand by lots of people. The printed and e-book are not different in the written content but it just different as it. So , do you even now thinking Step by Step Organic Chemistry: Volume 2 is not loveable to be your top list reading book?

Maria Carlin:

Reading a book can be one of a lot of activity that everyone in the world adores. Do you like reading book consequently. There are a lot of reasons why people fantastic. First reading a book will give you a lot of new facts. When you read a publication you will get new information because book is one of various ways to share the information or maybe their idea. Second, looking at a book will make anyone more imaginative. When you reading through a book especially fiction book the author will bring you to imagine the story how the figures do it anything. Third, you are able to share your knowledge to some others. When you read this Step by Step Organic Chemistry: Volume 2, you may tells your family, friends and soon about yours book. Your knowledge can inspire the others, make them reading a reserve.

Patricia Dennis:

The guide untitled Step by Step Organic Chemistry: Volume 2 is the guide that recommended to you to see. You can see the quality of the e-book content that will be shown to anyone. The language that article author use to explained their ideas are easily to understand. The copy writer was did a lot of research when write the book, so the information that they share for your requirements is absolutely accurate. You also can get the e-book of Step by Step Organic Chemistry: Volume 2 from the publisher to make you a lot more enjoy free time.

Larry Hayes:

A number of people said that they feel bored when they reading a publication. They are directly felt this when they get a half regions of the book. You can choose often the book Step by Step Organic Chemistry: Volume 2 to make your own reading is interesting. Your skill of reading skill is developing when you like reading. Try to choose easy book to make you enjoy to learn it and mingle the feeling about book and examining especially. It is to be initial opinion for you to like to wide open a book and learn it. Beside that the guide Step by Step Organic Chemistry: Volume 2 can to be your brand new friend when you're feel alone and confuse with the information must you're doing of the time.

**Download and Read Online Step by Step Organic Chemistry:
Volume 2 Dr. Janet L. Maxwell PhD #FU6CKRZ74EH**

Read Step by Step Organic Chemistry: Volume 2 by Dr. Janet L. Maxwell PhD for online ebook

Step by Step Organic Chemistry: Volume 2 by Dr. Janet L. Maxwell PhD Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Step by Step Organic Chemistry: Volume 2 by Dr. Janet L. Maxwell PhD books to read online.

Online Step by Step Organic Chemistry: Volume 2 by Dr. Janet L. Maxwell PhD ebook PDF download

Step by Step Organic Chemistry: Volume 2 by Dr. Janet L. Maxwell PhD Doc

Step by Step Organic Chemistry: Volume 2 by Dr. Janet L. Maxwell PhD Mobipocket

Step by Step Organic Chemistry: Volume 2 by Dr. Janet L. Maxwell PhD EPub