



Organic Chemistry

By Jonathan Clayden, Nick Greeves, Stuart Warren

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Inspiring and motivating students from the moment it published, *Organic Chemistry* has established itself in just one edition as *the* student's choice of an organic chemistry text.

The second edition refines and refocuses *Organic Chemistry* to produce a text that is even more student-friendly, coherent, and logical in its presentation than before.

Like the first, the second edition is built on three principles:

An explanatory approach, through which the reader is motivated to understand the subject and not just learn the facts;

A mechanistic approach, giving the reader the power to understand compounds and reactions never previously encountered;

An evidence-based approach, setting out clearly how and why reactions happen as they do, giving extra depth to the reader's understanding.

The authors write clearly and directly, sharing with the reader their own fascination with the subject, and leading them carefully from topic to topic. Their honest and open narrative flags pitfalls and misconceptions, guiding the reader towards a complete picture of organic chemistry and its universal themes and principles.

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Editorial Review

Review

Review from previous edition: "If you want a really good book about organic chemistry get Organic Chemistry by Clayden, Greeves, Warren and Wothers." --Christian Aichinger, Organic Chemistry Blog.

"What strikes the reader straight away is the way the text is laid out so that it is visually exciting. I could go on, but it's beginning to sound like a paean of praise, so let me end by congratulating the authors and publishers in producing what I am sure will become the standard text in organic chemistry. Perhaps I should just summarise how I felt about the book when I came to put it down: refreshing, exciting and motivational." --Tony Barrett, Imperial College London.

"The authors should be congratulated for compiling a book that should prove very popular with our students...the text is very comprehensive and covers key areas in a very attractive and user friendly way." --Dr Don Green, University of North London.

"The book is brilliant - we have been waiting for up to 25 years for a decent British text." --John Mann, Professor of Biol. Chemistry, Queens University Belfast.

"This is a book we have all been waiting for! It is based on sound mechanistic reasoning and contains thousands of useful examples for teaching. Its style is approachable and covers both fundamental and more advanced material." --Adam Nelson, Lecturer, University of Leeds

"A magnificent resource." --Angewandte Chemie, International Edition, v. 40 no. 12, June 2001

"Represents a milestone in the field of organic chemistry textbooks... This is the first organic textbook that could be used in some shape or form on almost every organic chemistry course in any UK undergraduate programme... I soon expect to be hearing 'You can look it up in Clayden' ringing from lectures and tutorials, and for many years to come." --Andrew Boa in The Times Higher Education, 2001

"As a chemistry undergraduate I have found this book an excellent organic chemistry guide to accompany my university textbooks...the diagrams are clear and the chapters, sections and subsections are appropriately named which makes it easy to find what you're looking for." --Amazon, January 2011

"This is an excellent textbook which covers nearly all the organic chemistry reactions you could ever need as an undergraduate! I can't fault the content - everything is explained clearly with plenty of diagrams and reaction mechanisms." --Amazon, December 2009

About the Author

Jonathan Clayden is a Professor of Organic Chemistry at the University of Manchester, where he and his research group work on the construction of molecules with defined shapes - in particular those where control of conformation and limitation of flexibility is important. Jonathan was awarded a BA (Natural Sciences) from Churchill College, Cambridge before completing his PhD with Stuart Warren, also at the University of Cambridge. He has been at the University of Manchester since 1994.

Nick Greeves is the Director of Teaching and Learning in the Department of Chemistry at the University of Liverpool. Nick is a Cambridge graduate, obtaining his PhD there in 1986 for work on the stereoselective Horner-Wittig reaction with Stuart Warren. He then held a Harkness Fellowship at the University of Wisconsin-Madison and at Stanford University, California, and a Research Fellowship at Cambridge University before joining Liverpool in 1989 where he is currently a Senior Lecturer.

Stuart Warren is a former lecturer in the Department of Chemistry at the University of Cambridge and Fellow of Churchill College, Cambridge. A graduate of Trinity College, Cambridge, Stuart completed his PhD at Cambridge with Malcolm Clark before carrying out post-doctoral research at Harvard University. He became a teaching fellow at Churchill College in 1971, and remained a lecturer and researcher at Cambridge until his retirement in 2006.

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