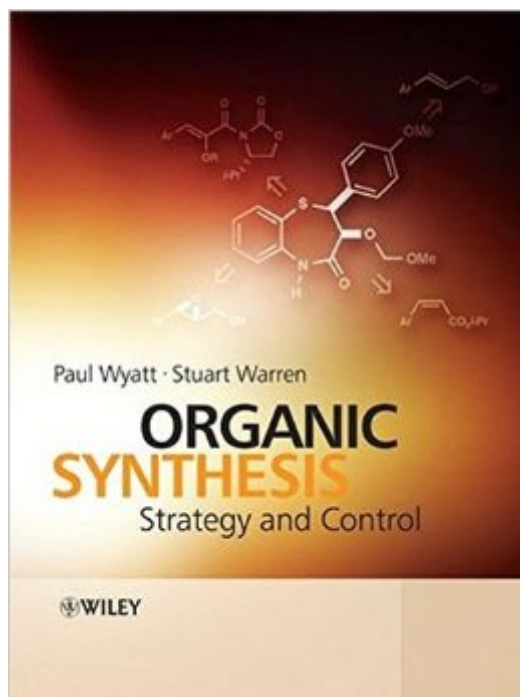


The book was found

# Organic Synthesis: Strategy And Control



## Synopsis

Organic Synthesis: Strategy and Control is the long-awaited sequel to Stuart Warren's™ bestseller Organic Synthesis: The Disconnection Approach, which looked at the planning behind the synthesis of compounds. This unique book now provides a comprehensive, practical account of the key concepts involved in synthesising compounds and focuses on putting the planning into practice. The two themes of the book are strategy and control: solving problems either by finding an alternative strategy or by controlling any established strategy to make it work. The book is divided into five sections that deal with selectivity, carbon-carbon single bonds, carbon-carbon double bonds, stereochemistry and functional group strategy. A comprehensive, practical account of the key concepts involved in synthesising compounds Takes a mechanistic approach, which explains reactions and gives guidelines on how reactions might behave in different situations Focuses on reactions that really work rather than those with limited application Contains extensive, up-to-date references in each chapter Students and professional chemists familiar with Organic Synthesis: The Disconnection Approach will enjoy the leap into a book designed for chemists at the coalface of organic synthesis.

## Book Information

Paperback: 918 pages

Publisher: Wiley; 1 edition (May 29, 2007)

Language: English

ISBN-10: 0471929638

ISBN-13: 978-0471929635

Product Dimensions: 7.5 x 1.6 x 9.8 inches

Shipping Weight: 3.9 pounds (View shipping rates and policies)

Average Customer Review: 3.7 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #817,934 in Books (See Top 100 in Books) #12 in Books > Science & Math > Chemistry > Organic > Synthesis #541 in Books > Science & Math > Chemistry > Physical & Theoretical #714 in Books > Medical Books > Medicine > Internal Medicine > Pathology > Clinical Chemistry

## Customer Reviews

I am a graduate student and have invested in a number of textbooks dealing with this topic. While there are a number of more comprehensive books for literature references, such as March's book or Smith's 'Organic Synthesis,' Warren's books should have great appeal to student's trying to learn

this subject. I originally came across his 1984 book "The Disconnection Approach" and was impressed by how engaging it was and how clearly the logic progressed from one chapter to the next. That book was recently rereleased as an updated edition, where Paul Wyatt appeared as coauthor, in January of 2009. It serves as an excellent bridge between undergraduate education and problems faced by real practitioners, as it identifies many problems of selectivity that are either overlooked - or simply too advanced to address - at the (American) undergraduate level. "The Disconnection Approach" identifies many of the fundamental problems faced by practitioners, but by and large does not stray from the complement of reactions learned at the undergraduate level, which is why I describe it as a "bridge" book. It leaves out many of the modern methods practitioners would use to solve synthetic problems. "Strategy and Control" addresses those modern methods in the context of the specific problems that they resolve. Warren and Wyatt's book may only have 40-50 references a chapter, compared to the hundreds for March's and Smith's, but this is a calculated move on their part, and what is lost in breadth is easily regained in clarity. This serves to fill a rather overlooked niche in textbooks for upper level courses - teaching! What you will not find in this book are lists of 30-40 different ways to do a Pauson-Khand reaction, a Wittig reaction, a Claisen rearrangement, etc.

[Download to continue reading...](#)

The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis)  
Organic Synthesis: Strategy and Control Workbook for Organic Synthesis: Strategy and Control  
Organic Chemistry I: The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study  
Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Organic Body  
Care Recipes Box Set: Organic Body Scrubs, Organic Lip Balms, Organic Body Butter, And Natural  
Skin Care Recipes Design and Strategy in Organic Synthesis: From the Chiron Approach to  
Catalysis Cycloaddition Reactions in Organic Synthesis, Volume 8 (Tetrahedron Organic Chemistry)  
Hetero Diels-Alder Methodology in Organic Synthesis (Organic Chemistry) Organic Homemade  
Lotion Recipes - For All Skin Types (The Best Lotion DIY Recipes): Lotion Making For Beginners  
(organic lawn care manual, organic skin care, beauty and the beast) NLP: Neuro Linguistic  
Programming: Re-program your control over emotions and behavior, Mind Control - 3rd Edition  
(Hypnosis, Meditation, Zen, Self-Hypnosis, Mind Control, CBT) Pentecost Strategy: Book II: Advanced  
Strategy and Tactics LSAT Reading Comprehension: Strategy Guide + Online Tracker (Manhattan  
Prep LSAT Strategy Guides) Craps: Strategy! Casino Craps Strategy For Shooting Dice To Win At  
Craps! (How To Play Craps, Gambling, Las Vegas, Black Jack, Thinking Fast, Brain Power, Brain  
Training) Roulette Strategy III: An outside betting strategy for reducing your risks with your Roulette

wagering. Chassin's Operative Strategy in General Surgery: An Expositive Atlas (Scott-Connor, Chassin's Operative Strategy in General Surgery) The Chemistry of Metal-Organic Frameworks: Synthesis, Characterization, and Applications Organic Synthesis: The Roles of Boron and Silicon (Oxford Chemistry Primers) Advanced Organic Chemistry: Part B: Reaction and Synthesis Name Reactions and Reagents in Organic Synthesis Chemical Approaches to the Synthesis of Peptides and Proteins (New Directions in Organic & Biological Chemistry)

[Dmca](#)