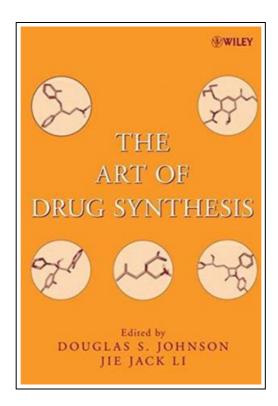
The Art of Drug Synthesis



Filesize: 8.62 MB

Reviews

This pdf is indeed gripping and exciting. it was writtern quite completely and valuable. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Kurtis Parisian)

THE ART OF DRUG SYNTHESIS



Wiley-Interscience, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword. Preface. Contributors. 1 THE ROLE OF MEDICINAL CHEMISTRY IN DRUG DISCOVERY (John A. Lowe, III). 1.1 Introduction. 1.2 Hurdles in the Drug Discovery Process. 1.3 The Tools of Medicinal Chemistry. 1.3.1 In Silico Modeling. 1.3.2 Structure-Based Drug Design (SBDD). 1.4 The Role of Synthetic Chemistry in Drug Discovery. References. 2 PROCESS RESEARCH: HOW MUCH? HOW SOON? (Neal G. Anderson). 2.1 Introduction. 2.2 Considerations for Successful Scale-up to Tox Batches and Phase I Material. 2.3 Considerations for Phase 2 Material and Beyond. 2.3.1 Reagent Selection. 2.3.2 Solvent Selection. 2.3.3 Unit Operations. 2.3.4 Developing Simple, Effective, Efficient Work-ups and Isolations. 2.3.5 The Importance of Physical States. 2.3.6 Route Design and Process Optimization to Minimize COG. 2.4 Summary. References. I CANCER AND INFECTIOUS DISEASES. 3 AROMATASE INHIBITORS FOR BREAST CANCER: EXEMESTANE (AROMASIN), ANASTROZOLE (ARIMIDEX), AND LETROZOLE (FEMARA) (Jie Jack Li). 3.1 Introduction. 3.2 Synthesis of Exemestane. 3.3 Synthesis of Anastrozole. 3.4 Synthesis of Letrozole. References. 4 QUINOLONE ANTIBIOTICS: LEVOFLOXACIN (LEVAQUIN), MOXIFLOXACIN (AVELOX), GEMIFLOXACIN (FACTIVE), AND GARENOXACIN (T-3811) (Chris Limberakis). 4.1 Introduction. 4.1.1 Mechanism of Action. 4.1.2 Modes of Resistance. 4.1.3 Structure-Activity Relationship (SAR) and Structure-Toxicity Relationship (STR). 4.1.4 Pharmacokinetics. 4.1.5 Synthetic Approaches. 4.2 Levofloxacin. 4.3 Moxifloxacin. 4.4 Gemifloxacin. 4.5 Garenoxacin (T-3811): A Promising Clinical Candidate. References. 5 TRIAZOLE ANTIFUNGALS: ITRACONAZOLE (SPORANOX), FLUCONAZOLE (DIFLUCAN), VORICONAZOLE (VFEND), AND FOSFLUCONAZOLE (PRODIF) (Andrew S. Bell). 5.1 Introduction. 5.2 Synthesis of Itraconazole. 5.3 Synthesis of Fluconazole. 5.4 Synthesis of Voriconazole. 5.5 Synthesis of Fosfluconazole. References. 6 NON-NUCLEOSIDE HIV REVERSE TRANSCRIPTASE INHIBITORS (Arthur Harms). 6.1 Introduction. 6.2 Synthesis of Nevirapine. 6.3 Synthesis of Efavirenz. 6.4 Synthesis of Delavirdine Mesylate. References. 7 NEURAMINIDASE INHIBITORS FOR INFLUENZA: OSELTAMIVIR PHOSPHATE (TAMIFLU) AND ZANAMIVIR (RELENZA) (Douglas S. Johnson and Jie Jack Li). 7.1 Introduction. 7.1.1 Relenza....

- Read The Art of Drug Synthesis Online
 - **Download PDF The Art of Drug Synthesis**

Other eBooks



DK Readers Flying Ace, The Story of Amelia Earhart Level 4 Proficient Readers

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.8in. x 5.8in. x 0.2in. Amelia Earhart was a famous woman pilot. She is about to set off on the most dangerous flight ever attempted. Find...

Read Book »



DK Readers The Story of Muhammad Ali Level 4 Proficient Readers

 $DK CHILDREN.\ Paperback.\ Book\ Condition:\ New.\ Paperback.\ 48\ pages.\ Dimensions:\ 8.7 in.\ x\ 6.5 in.\ x\ 0.2 in.\ Written\ by\ leading\ childrens\ authors\ and\ compiled\ by\ leading\ experts\ in\ the\ field,\ DK\ Readers\ are\ one\ of\ the\ most\ delightful...$

Read Book »



The Mystery of God s Evidence They Don t Want You to Know of

 $Create space, United States, 2012. \ Paperback. \ Book \ Condition: New. \ 276 \times 214 \ mm. \ Language: English. \ Brand \ New \ Book \ ****** Print on Demand \ ******. Save children's lives learn the discovery of God Can we discover God?...$

Read Book »



The Religious Drama: An Art of the Church (Beginning to 17th Century) (Christian Classics Revived: 5)

Christian World Imprints/B.R. Publishing Corporation, New Delhi, India, 2014. Hardcover. Book Condition: New. Dust Jacket Condition: New. Reprinted. This classical on ageless Christian Drama aims to present periods when actually dramatic performances or `Religious Drama'...

Read Book »



The Adventures of Sheriff Williker: /Book 1: The Case of the Missing Horseshoe

Createspace, United States, 2014. Paperback. Book Condition: New. Kim Hansen (illustrator). large type edition. 216 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. A missing horseshoe for a prize winning...

Read Book >



The Turn of the Screw

Dover Publications Inc., United States, 2013. Paperback. Book Condition: New. Reprinted edition. $202 \times 128 \text{ mm}$. Language: English . Brand New Book. For lucidity and compactness of style, James's short novels, or novelles, are

Read ePub »



DK Readers L1: Jobs People Do: A Day in the Life of a Firefighter

DK Publishing. Paperback / softback. Book Condition: new. BRAND NEW, DK Readers L1: Jobs People Do: A Day in the Life of a Firefighter, Linda Hayward, DK Publishing, This Level 1 book is appropriate for

Read ePub »



The Mystery of the Haunted Ghost Town Real Kids, Real Places

Gallopade International. Paperback. Book Condition: New. Paperback. 144 pages. Dimensions: 7.4in. x 5.2in. x 0.5in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an

Read ePub »



The Story of Christopher Columbus

DK Publishing, United States, 2001. Paperback. Book Condition: New. American.. 222 x 146 mm. Language: English . Brand New Book. Find out how explorer Christopher Columbus survived great danger on the high seas on his

Read ePub »



The Romance of a Christmas Card (Illustrated Edition) (Dodo Press)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. Alice Ercle Hunt (illustrator). Illustrated. 229 x 147 mm. Language: English . Brand New Book ***** Print on Demand *****. Kate Douglas Wiggin, nee Smith (1856-1923) was

Read ePub