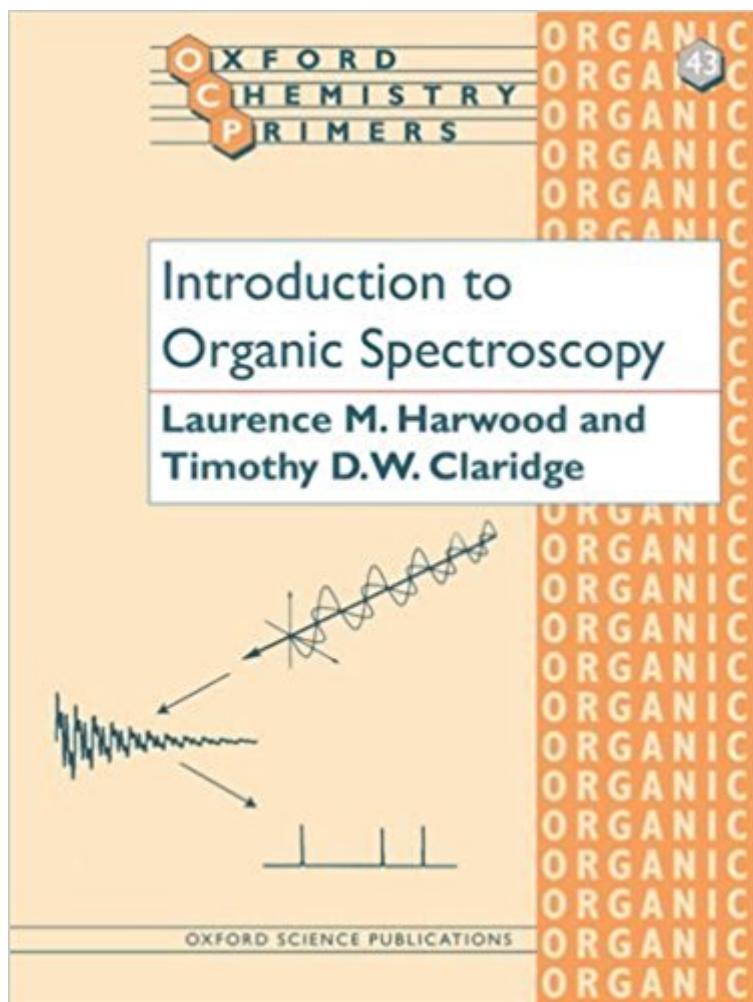


The book was found

Introduction To Organic Spectroscopy (Oxford Chemistry Primers)



Synopsis

This up-to-date account of key areas in modern organic spectroscopy describes the four major instrumental methods used routinely by organic chemists: ultra-violet/visible, infra-red, nuclear magnetic resonance spectroscopy, and mass spectroscopy. It provides a concise introduction to the physical background of each, describing how molecules interact with electromagnetic radiation or how they fragment when excited sufficiently, and how this information may be applied to the determination of chemical structures. It also includes simple descriptions of instrumentation and emphasizes modern methodology throughout, such as the Fourier-transform approach to data analysis. Each chapter concludes with problems to test readers' understanding of organic spectroscopy.

Book Information

Series: Oxford Chemistry Primers (Book 43)

Paperback: 96 pages

Publisher: Oxford University Press; 1 edition (December 5, 1996)

Language: English

ISBN-10: 0198557558

ISBN-13: 978-0198557555

Product Dimensions: 9.6 x 0.2 x 7.5 inches

Shipping Weight: 5.6 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 4 customer reviews

Best Sellers Rank: #398,221 in Books (See Top 100 in Books) #117 in Books > Science & Math > Chemistry > Analytic #329 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Pharmacology #472 in Books > Science & Math > Chemistry > Organic

Customer Reviews

'...it could be extremely valuable to Final Year students, as a revision aid, or to professional chemists wanting a quick refresher course.' Aslib Book Guide, Vol. 62, No. 7, July 1997

Modern spectroscopic techniques are now fundamental to the success of organic chemistry and it is essential that students and practitioners of this discipline have a sound understanding of these techniques. This book describes the four major instrumental methods used routinely by organic chemists; ultra-violet/visible, infrared and nuclear magnetic resonance spectroscopy, and mass

spectrometry. It includes a concise introduction to the physical background of each, describing how molecules interact with electromagnetic radiation (UV, IR, and NMR), or how they fragment when excited sufficiently, and how this information may be applied to the determination of chemical structures. It includes simple descriptions of instrumentation and the emphasis throughout is on modern methodology, such as the Fourier-transform approach to data analysis. Each chapter concludes with a problem section. This book will be useful to those new to modern organic spectroscopic analysis and as reference material in chemistry teaching laboratories.

def. not worth \$24 full price, thank goodness i only paid ~\$7 for it. good for a very basic introduction to spectroscopy

GOOD BOOK

Super helpful.

It was a class suggested book and I haven't opened it once it is unnecessary to buy but the sender sent it quick and it was of the quality advertised!

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

Introduction to Organic Spectroscopy (Oxford Chemistry Primers) Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) NMR Spectroscopy in Inorganic Chemistry (Oxford Chemistry Primers) Symmetry and Spectroscopy: An Introduction to Vibrational and Electronic Spectroscopy (Dover Books on Chemistry) Foundations of Organic Chemistry (Oxford Chemistry Primers) Organic Synthesis: The Roles of Boron and Silicon (Oxford Chemistry Primers) Stereoselectivity in Organic Synthesis (Oxford Chemistry Primers) Oxidation and Reduction in Organic Synthesis (Oxford Chemistry Primers) Supramolecular Chemistry (Oxford Chemistry Primers) d-Block Chemistry (Oxford Chemistry Primers) Biocoordination Chemistry (Oxford Chemistry Primers) Coordination Chemistry of Macrocyclic Compounds (Oxford Chemistry Primers) Applied Organometallic Chemistry and Catalysis (Oxford Chemistry Primers) Radical Chemistry: The Fundamentals (Oxford Chemistry Primers) Protecting Group Chemistry (Oxford Chemistry Primers) Introduction to Molecular Symmetry (Oxford Chemistry Primers) Nuclear Magnetic Resonance (Oxford Chemistry Primers) NMR: THE TOOLKIT: How Pulse Sequences Work (Oxford Chemistry Primers) Statistical Thermodynamics (Oxford Chemistry Primers) Inorganic

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)