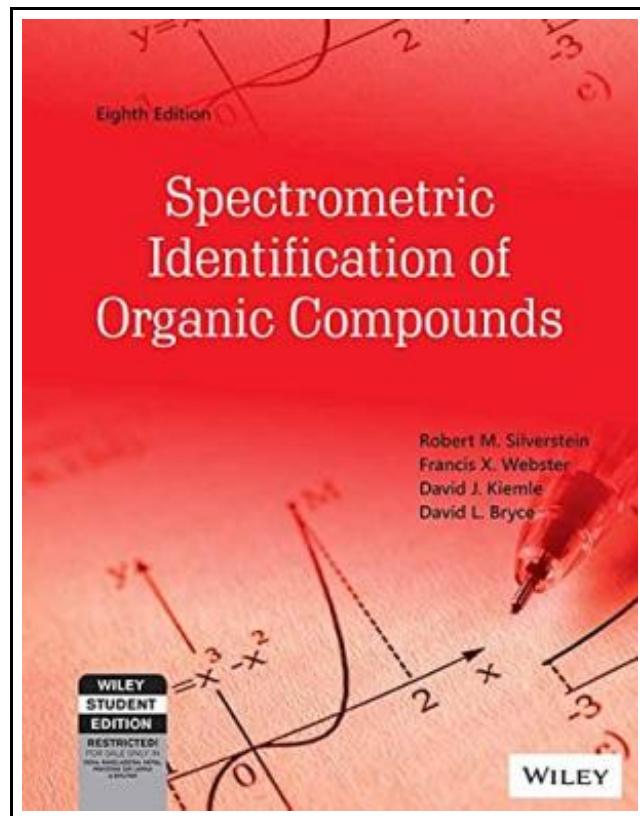


## Spectrometric Identification of Organic Compounds (Eighth Edition)



Filesize: 8.62 MB

### Reviews

*These types of book is the greatest ebook readily available. I was able to comprehended every little thing using this published e pdf. I realized this pdf from my dad and i encouraged this publication to discover.*

*(Dr. Porter Mitchell)*

## SPECTROMETRIC IDENTIFICATION OF ORGANIC COMPOUNDS (EIGHTH EDITION)

[DOWNLOAD PDF](#)

Wiley India Pvt. Ltd, 2015. Softcover. Book Condition: New. 5th or later edition. Table of Contents Chapter 1 Mass Spectrometry 1.1 Introduction 1.2 Instrumentation 1.3 Ionization Methods 1.4 Mass Analyzers 1.5 Interpretation of EI Mass Spectra 1.6 Mass Spectra of Some Chemical Classes References Student Exercises Appendices A Formula Masses (FM) for Various Combinations of Carbon, Hydrogen, Nitrogen and Oxygen B Common Fragment Ions C Common Fragments Lost Chapter 2 Infrared Spectroscopy 2.1 Introduction 2.2 Theory 2.3 Instrumentation 2.4 Sample Handling 2.5 Interpretation of Spectra 2.6 Characteristic Group Absorptions of Organic Molecules References Student Exercises Appendices A Transparent Regions of Solvents and Mulling Oils B Characteristic Group Absorptions C Absorptions for Alkenes D Absorptions for Phosphorus Compounds E Absorptions for Heteroaromatics Chapter 3 Proton (1H) Magnetic Resonance Spectroscopy 3.1 Introduction 3.2 Theory 3.3 Instrumentation and Sample Handling 3.4 Chemical Shift 3.5 Spin-Spin Coupling, Multiplets and Spin Systems 3.6 Protons on Oxygen, Nitrogen and Sulfur Atoms: Exchangeable Protons 3.7 Coupling of Protons to Other Important Nuclei (19F, D (2H), 31P, 29Si and 13C) 3.8 Chemical Equivalence 3.9 Magnetic Equivalence 3.10 AMX, ABX and ABC Rigid Systems with Three Coupling Constants 3.11 Weakly and Strongly Coupled Systems: Virtual Coupling 3.12 Chirality 3.13 Magnitude of Vicinal and Geminal Coupling Constants 3.14 Long-Range Coupling 3.15 Selective Spin Decoupling: Double Resonance 3.16 Nuclear Overhauser Effect 3.17 Conclusion References Student Exercises Appendices A Chart A.1: Chemical Shifts of Protons on a Carbon Atom Adjacent (Position) to a Functional Group in Aliphatic Compounds (M-Y) Chart A.2: Chemical Shifts of Protons on a Carbon Atom Once Removed (Position) from a Functional Group in Aliphatic Compounds (M-C-Y) B Effect on Chemical Shifts by Two or Three Directly Attached Functional Groups C Chemical Shifts in Alicyclic and Heterocyclic Rings D Chemical Shifts in Unsaturated and Aromatic Systems Chart D.1: Chemical...



[Read Spectrometric Identification of Organic Compounds \(Eighth Edition\) Online](#)  
[Download PDF Spectrometric Identification of Organic Compounds \(Eighth Edition\)](#)

## Related Books

---



### **Ask Dr K Fisher About Dinosaurs**

Kingfisher, Great Britain, 2007. Softcover. Book Condition: New. Sheppard, Kate (illustrator). 32 pages. Multiple copies of this title available. For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the sphere of...

[Download eBook »](#)

---



### **Dont Be Bully!**

Full Circle, New Delhi, India. Softcover. Book Condition: New. Brave little Kamya protects Tia from the school bully Josh and proves to be a true friend. Don't be a bully, is a story to#inspire young...

[Download eBook »](#)

---



### **America s Longest War: The United States and Vietnam, 1950-1975**

McGraw-Hill Education - Europe, United States, 2013. Paperback. Book Condition: New. 5th. 206 x 137 mm. Language: English . Brand New Book. Respected for its thorough research, comprehensive coverage, and clear, readable style, America s...

[Download eBook »](#)

---



### **Love My Enemy**

Andersen, UK, 2004. Softcover. Book Condition: New. First Edition. Available Now. Book Description: Zee (short for Zara) lives in a quiet suburb of Belfast, with an apparently idyllic family life. But Zee's father was shot...

[Download eBook »](#)

---



### **TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Download eBook »](#)

**Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 207 x 86 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

[Read eBook »](#)**Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 213 x 98 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

[Read eBook »](#)**Read Write Inc. Phonics: Pink Set 3 Storybook 1 Scruffy Ted**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 167 x 135 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read eBook »](#)**Read Write Inc. Phonics: Pink Set 3 Non-Fiction 1 Jay's Clay Pot**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 172 x 88 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

[Read eBook »](#)**Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Such a Fuss (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK's best-selling home reading series. It

[Read eBook »](#)