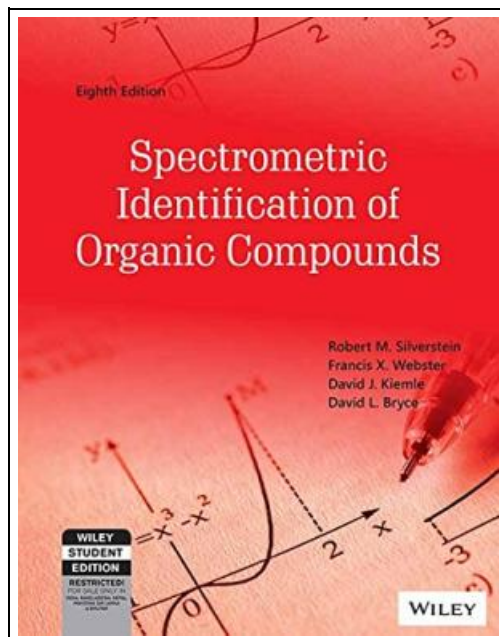


## Spectrometric Identification of Organic Compounds (Eighth Edition)



Filesize: 4.76 MB

### **Reviews**

*A very awesome ebook with perfect and lucid explanations. I could possibly comprehend every thing using this written e pdf. I am happy to explain how this is basically the best ebook i have got read inside my personal life and may be he very best book for ever.*  
**(Mr. Santa Rath)**

## SPECTROMETRIC IDENTIFICATION OF ORGANIC COMPOUNDS (EIGHTH EDITION)



To save **Spectrometric Identification of Organic Compounds (Eighth Edition)** eBook, remember to click the button beneath and download the ebook or gain access to additional information which are have conjunction with SPECTROMETRIC IDENTIFICATION OF ORGANIC COMPOUNDS (EIGHTH EDITION) ebook.

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 (<sup>1</sup>H) 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 (<sup>19</sup>F, D (<sup>2</sup>H), <sup>31</sup>P, <sup>29</sup>Si and <sup>13</sup>C) 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 \(Eighth Edition\)](#)

## Other Kindle Books



[PDF] **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)**

Click the hyperlink listed below to download "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)" PDF document.

[Read PDF »](#)



[PDF] **The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3**

Click the hyperlink listed below to download "The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3" PDF document.

[Read PDF »](#)



[PDF] **Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)**

Click the hyperlink listed below to download "Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)" PDF document.

[Read PDF »](#)



[PDF] **Dog Poems For Kids Rhyming Books For Children Dog Unicorn Jerks 2 in 1 Compilation Of Volume 1 3 Just Really Big Jerks Series**

Click the hyperlink listed below to download "Dog Poems For Kids Rhyming Books For Children Dog Unicorn Jerks 2 in 1 Compilation Of Volume 1 3 Just Really Big Jerks Series" PDF document.

[Read PDF »](#)



[PDF] **Funny Poem Book For Kids - Cat Dog Humor Books Unicorn Humor Just Really Big Jerks Series - 3 in 1 Compilation Of Volume 1 2 3**

Click the hyperlink listed below to download "Funny Poem Book For Kids - Cat Dog Humor Books Unicorn Humor Just Really Big Jerks Series - 3 in 1 Compilation Of Volume 1 2 3" PDF document.

[Read PDF »](#)



[PDF] **Dog Cat Poems For Kids Rhyming Books For Children Dog Unicorn Jerks 2 in 1 Compilation Of Volume 2 3 Just Really Big Jerk Series**

Click the hyperlink listed below to download "Dog Cat Poems For Kids Rhyming Books For Children Dog Unicorn Jerks 2 in 1 Compilation Of Volume 2 3 Just Really Big Jerk Series" PDF document.

[Read PDF »](#)