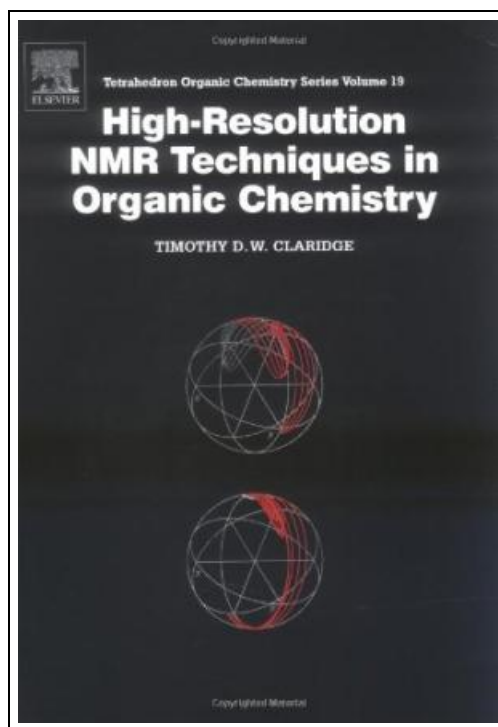


High-Resolution NMR Techniques in Organic Chemistry (Tetrahedron Organic Chemistry Series, Vol. 19)



Filesize: 8.52 MB

Reviews

This pdf is fantastic. It really is basic but shocks inside the 50 % in the pdf. I realized this pdf from my i and dad encouraged this pdf to discover.

(Hunter Witting)

HIGH-RESOLUTION NMR TECHNIQUES IN ORGANIC CHEMISTRY (TETRAHEDRON ORGANIC CHEMISTRY SERIES, VOL. 19)

DOWNLOAD



To read **High-Resolution NMR Techniques in Organic Chemistry (Tetrahedron Organic Chemistry Series, Vol. 19)** PDF, remember to follow the link under and save the document or have accessibility to additional information that are relevant to HIGH-RESOLUTION NMR TECHNIQUES IN ORGANIC CHEMISTRY (TETRAHEDRON ORGANIC CHEMISTRY SERIES, VOL. 19) ebook.

Pergamon, 2000. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface. Acknowledgements. Introduction. The development of high-resolution NMR. Modern NMR and this book. Applying modern NMR techniques. References. Introducing High-resolution NMR. Nuclear spin and resonance. The vector model and pulse excitation. Time and frequency domains. Spin relaxation. Mechanisms for relaxation. References. Practical Aspects of High-resolution NMR. An overview of the NMR spectrometer. Data acquisition and processing. Preparing the sample. Preparing the spectrometer. Spectrometer calibrations. Spectrometer performance tests. References. One-dimensional Techniques. The single-pulse experiment. Spin decoupling methods. Spectrum editing with spin-echoes. Sensitivity enhancement and spectrum editing. Observing quadrupolar nuclei. References. Correlations through the Chemical Bond I: Homonuclear Shift Correlation. Introducing the second dimension. Correlation spectroscopy (COSY). Practical aspects of 2D NMR. Coherence and coherence transfer. Gradient-selected spectroscopy. Alternative COSY sequences. Total correlation spectroscopy (TOCSY). Correlating dilute spins: INADEQUATE. References. Correlations through the Chemical Bond II: Heteronuclear Shift Correlation. Introduction. Sensitivity. Heteronuclear single-bond correlation spectroscopy. Heteronuclear multiple-bond correlation spectroscopy. Traditional X-detected correlation spectroscopy. References. Separating Shifts and Couplings: J-resolved Spectroscopy. Introduction. Heteronuclear J-resolved spectroscopy. Homonuclear J-resolved spectroscopy. "Indirect" homonuclear J-resolved spectroscopy. References. Correlations through Space: The Nuclear Overhauser Effect. Part I: Theoretical Aspects. Introduction. Definition of the NOE. Steady-state NOEs. Transient NOEs. Rotating-frame NOEs. Part II: Practical Aspects. Measuring steady-state NOEs: NOE difference. Measuring transient NOEs: NOESY. Measuring rotating-frame NOEs: ROESY. Measuring heteronuclear NOEs. Experimental considerations. References. Experimental Methods. Composite pulses. Broadband decoupling and spin-locks. Selective excitation and shaped pulses. Solvent suppression. Recent methods. References. Glossary of Acronyms. Index.



[Read High-Resolution NMR Techniques in Organic Chemistry \(Tetrahedron Organic Chemistry Series, Vol. 19\) Online](#)



[Download PDF High-Resolution NMR Techniques in Organic Chemistry \(Tetrahedron Organic Chemistry Series, Vol. 19\)](#)



[Download ePUB High-Resolution NMR Techniques in Organic Chemistry \(Tetrahedron Organic Chemistry Series, Vol. 19\)](#)

Relevant Kindle Books

**[PDF] Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep**

Click the hyperlink under to download "Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep" PDF document.

[Save eBook](#)

»

**[PDF] Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)**

Click the hyperlink under to download "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" PDF document.

[Save eBook](#)

»

**[PDF] The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)**

Click the hyperlink under to download "The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)" PDF document.

[Save eBook](#)

»

**[PDF] Maisy's Christmas Tree**

Click the hyperlink under to download "Maisy's Christmas Tree" PDF document.

[Save eBook](#)

»

**[PDF] Daycare Seen Through a Teacher's Eyes: A Guide for Teachers and Parents**

Click the hyperlink under to download "Daycare Seen Through a Teacher's Eyes: A Guide for Teachers and Parents" PDF document.

[Save eBook](#)

»

**[PDF] The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program**

Click the hyperlink under to download "The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program" PDF document.

[Save eBook](#)

»

**[PDF] Republic 3: The Gods of War**

Follow the link below to download "Republic 3: The Gods of War" PDF file.

[Download](#) [ePub](#)

»

**[PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird**

Follow the link below to download "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" PDF file.

[Download](#) [ePub](#)

»

**[PDF] Testament (Macmillan New Writing)**

Follow the link below to download "Testament (Macmillan New Writing)" PDF file.

[Download](#) [ePub](#)

»

**[PDF] xk] 8 - scientific genius kids favorite game brand new genuine(Chinese Edition)**

Follow the link below to download "xk] 8 - scientific genius kids favorite game brand new genuine(Chinese Edition)" PDF file.

[Download](#) [ePub](#)

»

**[PDF] The Opposite of Mercy**

Follow the link below to download "The Opposite of Mercy" PDF file.

[Download](#) [ePub](#)

»

**[PDF] Getting Even: Revenge Stories**

Follow the link below to download "Getting Even: Revenge Stories" PDF file.

[Download](#) [ePub](#)

»