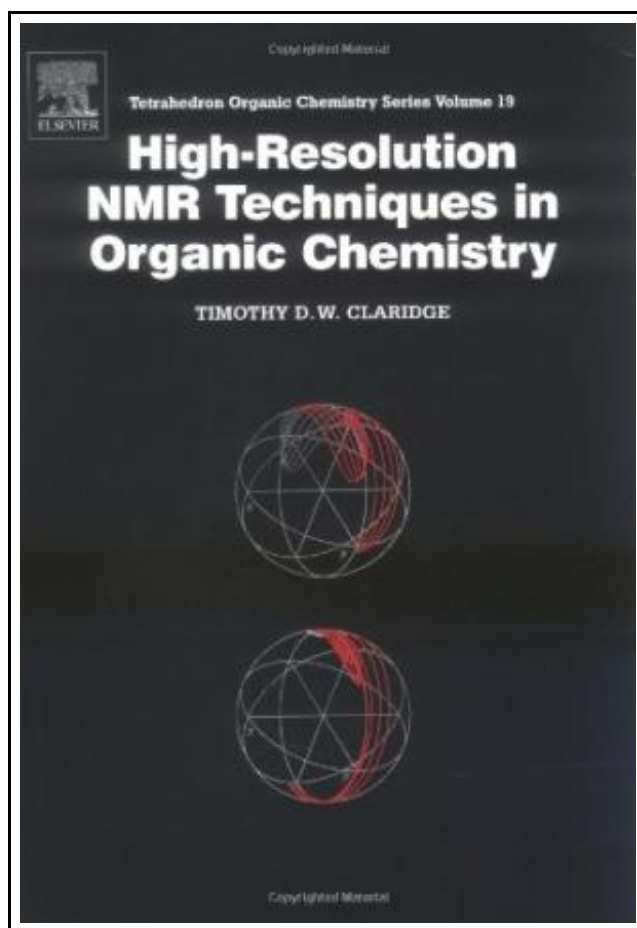


High-Resolution NMR Techniques in Organic Chemistry (Tetrahedron Organic Chemistry Series, Vol. 19)



Filesize: 5.44 MB

Reviews

This is actually the best ebook we have read till now. Indeed, it can be enjoy, nevertheless an interesting and amazing literature. You will not feel monotony at whenever you want of the time (that's what catalogs are for regarding should you question me).
(Jamar Stracke)

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

[DOWNLOAD](#)

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 \(Tetrahedron Organic Chemistry Series, Vol. 19\)](#)

Other Kindle Books



Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

[Download ePub »](#)



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

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Download ePub »](#)



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

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB...

[Download ePub »](#)



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is...

[Download ePub »](#)



Daycare Seen Through a Teacher s Eyes: A Guide for Teachers and Parents

America Star Books, United States, 2010. Paperback. Book Condition: New. 224 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Between the good mornings and the good nights it s what...

[Download ePub »](#)

**Thick Villains: Hilarious Stories of Less Than Criminal Masterminds**

Anova, 2007. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your order. Orders

[Download Book »](#)

**Percy (Thomas Story Library)**

Egmont Books Ltd, 2004. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your

[Download Book »](#)

**Final Theory**

Simon & Schuster Ltd, 2008. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving

[Download Book »](#)

**The Gilded Seal**

Harper, 2008. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your order. Orders

[Download Book »](#)

**The Pirate and the Three Cutters (Nonsuch Classics)**

Nonsuch Publishing, 2006. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your order.

[Download Book »](#)