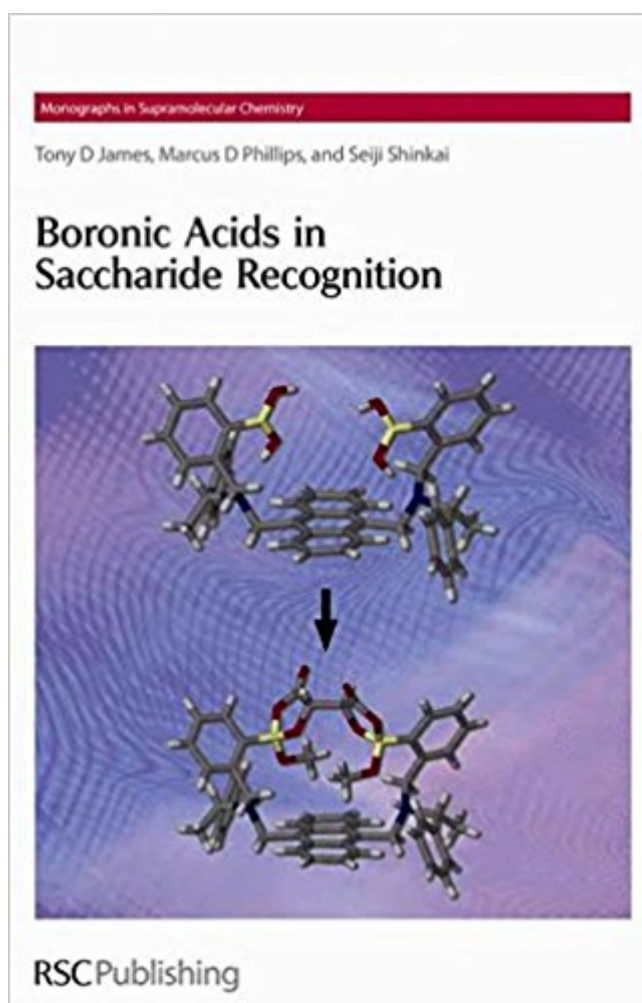


The book was found

Boronic Acids In Saccharide Recognition: RSC (Monographs In Supramolecular Chemistry)



Synopsis

The desire to quantify the presence of analytes within diverse physiological, environmental and industrial systems has led to the development of many novel detection methods. In this arena, saccharide analysis has exploited the pair-wise interaction between boronic acids and saccharides. *Boronic Acids in Saccharide Recognition* provides a comprehensive review and critical analysis of the current developments in this field. It also assesses the potential of this innovative approach, outlining future lines of research and possible applications. Topics include: the molecular recognition of saccharides, the complexation of boronic acids with saccharides, fluorescent sensors and the modular construct of fluorescent sensors, further sensory systems for saccharide recognition and an extensive bibliography. This high level book is ideal for researchers both academic and industrial who require a comprehensive overview of the subject.

Book Information

Series: Monographs in Supramolecular Chemistry (Book 9)

Hardcover: 184 pages

Publisher: Royal Society of Chemistry; 1 edition (November 30, 2006)

Language: English

ISBN-10: 0854045376

ISBN-13: 978-0854045372

Product Dimensions: 6.1 x 0.6 x 9.2 inches

Shipping Weight: 15.5 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #896,471 in Books (See Top 100 in Books) #69 in [Books > Science & Math > Chemistry > Clinical](#) #267 in [Books > Science & Math > Chemistry > Analytic](#) #317 in [Books > Science & Math > Chemistry > Industrial & Technical](#)

Customer Reviews

An impressive compilation of the numerous and varied approaches for using boronic acids for sensing of saccharides particularly timely.....a balanced and comprehensive collection of where the field began, how it has grown, and where it currently stands.....they provide compelling reasons for studying this often overlooked class of compounds. Without a doubt, this monograph is a great introduction for anyone interested in using boronic acids for sugar sensing. (Journal of the American Chemical Society, Vol.129, No.35, 2007 (John J Lavigne))

The desire to quantify the presence of analytes within diverse physiological, environmental and industrial systems has led to the development of many novel detection methods. In this arena, saccharide analysis has exploited the pair-wise interaction between boronic acids and saccharides. *Boronic Acids in Saccharide Recognition* provides a comprehensive review and critical analysis of the current developments in this field. It also assesses the potential of this innovative approach, outlining future lines of research and possible applications. Topics include: the molecular recognition of saccharides, the complexation of boronic acids with saccharides, fluorescent sensors and the modular construct of fluorescent sensors, further sensory systems for saccharide recognition and an extensive bibliography. This high level book is ideal for researchers both academic and industrial who require a comprehensive overview of the subject.

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

Boronic Acids in Saccharide Recognition: RSC (Monographs in Supramolecular Chemistry)
Transition Metals in Supramolecular Chemistry (Perspectives in Supramolecular Chemistry)
The Chemistry of Medical and Dental Materials: RSC (RSC Materials Monographs)
The Maillard Reaction: RSC (RSC Food Analysis Monographs)
Nucleic Acids in Chemistry and Biology: RSC
The Chemistry of Fireworks: RSC (RSC Paperbacks)
Supramolecular Chemistry (Oxford Chemistry Primers)
Trace Elements Medicine and Chelation Therapy: RSC (RSC Paperbacks)
Introduction to Glass Science and Technology: RSC (RSC Paperbacks)
Therapeutic Oligonucleotides: RSC (RSC Biomolecular Sciences)
Acids and Bases - Food Chemistry for Kids | *Children's Chemistry Books*
Jane's Aircraft Recognition Guide Fifth Edition (Jane's Recognition Guides)
Supramolecular Chemistry
Supramolecular Chemistry: Concepts and Perspectives
The Biophysical Chemistry of Nucleic Acids and Proteins
Nucleic Acids in Chemistry and Biology 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)
Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review
The Chemistry of Fragrances: From Perfumer to Consumer (RSC Paperbacks)
Atmospheric Chemistry: RSC

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)