

1. Record Nr.	UNINA9910780735203321
Autore	James Tony D
Titolo	Boronic acids in saccharide recognition [[electronic resource] /] / Tony D. James, Marcus D. Phillips, Seiji Shinkai
Pubbl/distr/stampa	Cambridge, : RSC Pub., c2006
ISBN	1-84755-761-9 1-61583-351-X
Descrizione fisica	1 online resource (185 p.)
Collana	Monographs in supramolecular chemistry
Altri autori (Persone)	PhillipsMarcus D ShinkaiSeiji
Disciplina	572.56
Soggetti	Saccharides
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 151-197) and index.
Nota di contenuto	""Boronic Acids_UPDATED OFC COVER""; ""i_x""; ""001_167""; ""168_172""; ""173_174""
Sommario/riassunto	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 sacchar