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Titolo	Hydroxamic acids : a unique family of chemicals with multiple biological activities // Satya P. Gupta, editor
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ISBN	3-642-38111-1
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (x, 312 pages) : illustrations (some color)
Collana	Gale eBooks
Disciplina	615.19
Soggetti	Hydroxamic acids
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 and index.
Nota di contenuto	Chemistry of Hydroxamic Acids -- Theoretical Studies on Hydroxamic Acids -- Hydroxamic Acids as Carbonic Anhydrase Inhibitors -- Structure-Activity Relationships of Hydroxamic Acids as Matrix Metalloproteinase Inhibitors -- Hydroxamic Acid Derivatives as Anticancer Agents -- Hydroxamic Acids as Histone Deacetylase Inhibitors -- Quantitative Structure-Activity Relationship Studies on Hydroxamic Acids Acting as Histone Deacetylase Inhibitors -- Hydroxamic Acids as Carbonucleotide Reductase Inhibitors -- Hydroxamic Acids as Inhibitors of Urease in the Treatment of Helicobacter pylori Infections -- Therapeutic Potential of Hydroxamic Acids for Microbial Diseases -- Hydroxamic Acids as Chelating Mineral Collectors.
Sommario/riassunto	Satya P. Gupta's Hydroxamics Acids is the first book to compile invited articles written by international experts on the class of compounds hydroxamic acids. Found to possess a wide spectrum of biological activities, the hydroxamic acids are of interest for theoretical and experimental chemists who can study and make use of them in drug design and development. Chapters in this book provide a diverse and comprehensive coverage of this compound class and consequently this publication is a valuable resource for researchers in chemical, pharmaceutical and biological sciences.