



Metal complexes as antimicrobial agents and in biomimetics

By Anil Damodar Naik

LAP Lambert Acad. Publ. Jan 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x9 mm. Neuware - The metal-sulfur entities perform an unprecedented role in biological systems. Comprehension of their diversity in structure and function is indispensable in the realm of drug design and biomimetics. The present text embodies an interdisciplinary approach to the design, synthesis and applications of some metal complexes. It offers an overview of synthesis of binucleating Robson-type SNONS donor ligands, their transition metal complexes and a descriptive analytical, spectroscopic, magnetic, electrochemical characterizations. These novel molecules were capitalized for in vitro antimicrobial activities due to their topological resemblance to some known pharmacophores. Among the designed sulfur donor ligands, thiohydrazones and thiocarbohydrazones show exceptional fungistatic potentials. Also at appropriate places in the text the unique properties of these synthetic analogs were compared with that of a known metalloprotein. The meticulous organic synthesis, the bifunctionalities of molecules and a section on relatively less explored thiohydrazones should offer plethora of innovative ideas for researchers working in fine chemicals and bioinorganic chemistry. 152 pp. Englisch.



READ ONLINE
[4.58 MB]

Reviews

It becomes an amazing pdf which i actually have at any time read through. This can be for all those who statte there had not been a worthy of reading through. You wont sense monotony at anytime of your own time (that's what catalogues are for relating to should you check with me).

-- **Claud Kris**

If you need to adding benefit, a must buy book. It is writter in easy words and phrases and not difficult to understand. Your daily life span is going to be transform when you complete reading this article publication.

-- **Ricky Leannon**

Relevant Books



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



Barabbas Goes Free: The Story of the Release of Barabbas Matthew 27:15-26, Mark 15:6-15, Luke 23:13-25, and John 18:20 for Children

Paperback. Book Condition: New.



Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School

Book Condition: Brand New. Book Condition: Brand New.



And You Know You Should Be Glad

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book ***** Print on Demand *****.A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



Tales of Wonder Every Child Should Know (Dodo Press)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s author and educator. She was born in Philadelphia,...



The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2, This is a gentle adaptation of the classic tale by Beatrix Potter. Jemima Puddle-Duck wants to lay and hatch her...