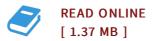




Some Complexes of N-Aryl Furfural Nitrones with Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) Chlorides

By Amer Taga

Grin Verlag Gmbh Apr 2013, 2013. Taschenbuch. Book Condition: Neu. 210x148x2 mm. This item is printed on demand - Print on Demand Titel. - Scholarly Essay from the year 2011 in the subject Chemistry - Anorganic Chemistry, printed single-sided, grade: 3, University of Mosul (DBS), language: English, abstract: Some new metal(II) dichloride complexes with the ligands substituted nitrones of thegeneral formula [ML2Cl2], where M= Co(II), Ni(II), Cu(II), Zn(II) and Cd(II),L=OCH=CHCH=C-CH=N(O)C6H4X (X=H,p-CH3,CH3O,CH3CO,F,Cl,and Br) havebeen prepared and characterized by elemental analysis, IR,1H,13C NMR and Vis/Uvspectroscopy. The IR spectral data showed that the nitrone ligands coordinated withthe metal ion through the most active atom of the N-oxide to give square planner coordinate (Cu,Ni,) complexes and (Zn,Cd,Co) tetrahedral complexes. No correlationwas observed between the N-O vibrations stretching hing frequency (N-O) of thecomplexes and the Hammet () constants. 32 pp. Englisch.



Reviews

Extensive guideline! Its this sort of excellent read. it had been writtern quite properly and helpful. You can expect to like just how the writer create this book.

-- Mr. Gustave Gerhold

This book will never be straightforward to start on reading through but quite enjoyable to learn. Better then never, though i am quite late in start reading this one. Your lifestyle span will probably be convert once you complete reading this publication.

-- Dr. Kadin Hane DVM