

Issue 19/2006

Pages 3777-3988

Papers available ahead of print in Early View at www.interscience.wiley.com

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COVER PICTURE

The cover picture shows the Alhambra in Granada, the home town of the Spanish author of this paper. The Moors in their desert dreamt of palaces abundant with water, and that is why they built the Alhambra. Likewise, the water-soluble encapsulating pyrazolylborate ligand, shown as an (aqua)zinc complex set in one of Alhambra's gardens, is the realization of a long-standing dream of the Freiburg group, whose biomimetic zinc complex chemistry was previously confined by the hydrophobicity of the model complexes, typically the zinc hydroxide complex shown in the background. The abundance of red (carbonyl oxygen) and green (amide nitrogen) atoms in the foreground complex visualizes its hydrophilicity due to the carboxamide substituents on the tripod ligand. Details are discussed in the article by H. Vahrenkamp et al. on p. 3869 ff.



MICROREVIEW Contents

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Clues to Dimetallohydrolase Mechanisms from Studies on Pyrazolate-Based Bioinspired Dizinc Complexes — Experimental Evidence for a Functional $Zn-O_2H_3-Zn$ Motif

Keywords: Bioinorganic chemistry / Hydrolases / Metalloenzymes / Enzyme models / Zinc

