

INTRODUCTION

FOREWORD

Dominik Cinčić, Tomislav Friščić, and Vladimir Stilinović

Croat. Chem. Acta **2022**, *95*(4), XI–XI

Branko Kaitner – *Curriculum Vitae*

Croat. Chem. Acta **2022**, *95*(4), XIII–XIV

Branko Kaitner – List of Publications

Croat. Chem. Acta **2022**, *95*(4), XV–XXIII

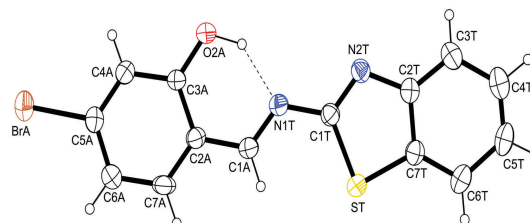
SCIENTIFIC ARTICLES

Transition Metal-Mediated Hydrolysis of the Imine Bond in 2-Azomethine Benzothiazoles

Valentina Rep Kaulić, Natalija Pantalon Juraj, Berislav Perić, Zoran Štefanić, Srećko I. Kirin, Silvana Raić-Malić

Croat. Chem. Acta **2022**, *95*(4), 123–130

DOI: 10.5562/cca3907



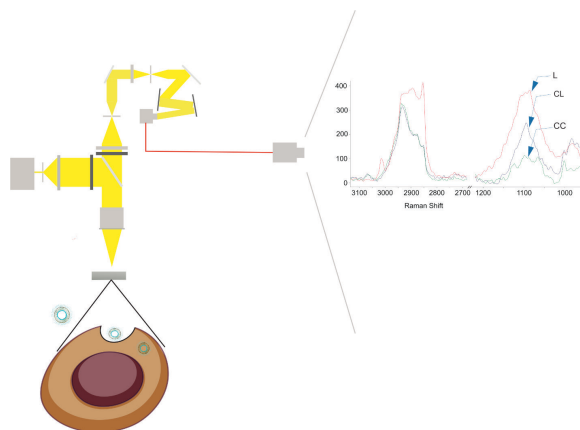
ORIGINAL SCIENTIFIC ARTICLE

Micro-Raman Spectroscopy for Detection of Label-Free and Oil Red O Labeled PEGylated Nanoliposomes in hCmec/D3 Cell Internalization Studies

Filip Gorachinov, Petre Makreski, Dushko Shalabalija, Ljubica Mihailova, Maja Simonoska Crcarevska, Marija Glavas Dodov, Katerina Goracinova, Gligor Jovanovski, Nikola Geskovski

Croat. Chem. Acta **2022**, *95*(4), 131–140

DOI: 10.5562/cca3912



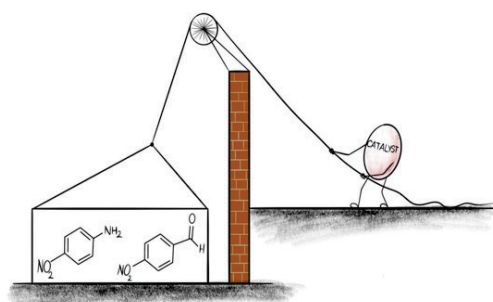
ORIGINAL SCIENTIFIC ARTICLE

Acid-Base Catalysis in the Mechanochemical Formation of a Reluctant Imine

Leonarda Vugrin, Ivica Cvrtila, Marina Juribašić Kulcsár, Ivan Halasz

Croat. Chem. Acta **2022**, *95*(4), 141–145

DOI: 10.5562/cca3954



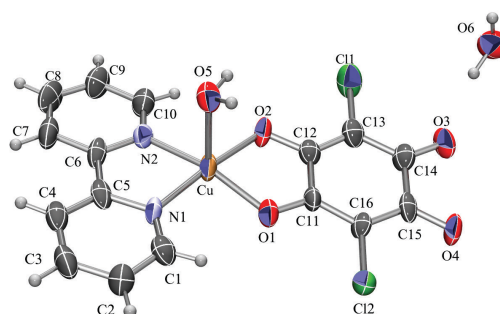
ORIGINAL SCIENTIFIC ARTICLE

From Mononuclear to Tetranuclear Oxalate- or Chloranilate-Based Complexes of Copper(II) with Halogen Atoms and N-donor Ligands

Lidija Molčanov, Krešimir Molčanov, Marijana Jurić

Croat. Chem. Acta **2022**, *95*(4), 147–156

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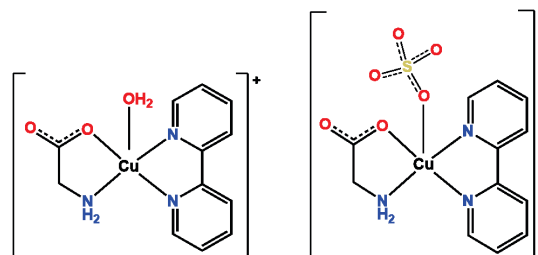
ORIGINAL SCIENTIFIC ARTICLE

Ternary Coordination Compounds of Copper(II) with Glycine and 2,2'-bipyridine: Synthesis, Structural Characterization, Magnetic and Biological Properties

Darko Vušak, Katarina Mišković Špoljarić, Jurica Jurec, Dijana Žilić, Biserka Prugovečki

Croat. Chem. Acta **2022**, *95*(4), 157–165

DOI: 10.5562/cca3936



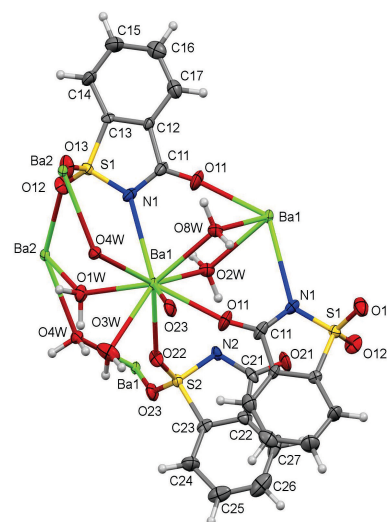
ORIGINAL SCIENTIFIC ARTICLE

Mechanochemical Synthesis of Alkaline Earth Mg – Ba Saccharinates. Connectivity in the Crystal Structures of $\text{Mg}(\text{sac})_2 \cdot 7\text{H}_2\text{O}$, $\text{Ca}(\text{sac})_2 \cdot 7\text{H}_2\text{O}$ and $\text{Ba}(\text{sac})_2 \cdot 4.5\text{H}_2\text{O}$ (sac = saccharinate)

Darko Vušak, Gligor Jovanovski, Dubravka Matković-Čalogović

Croat. Chem. Acta **2022**, *95*(4), 167–176

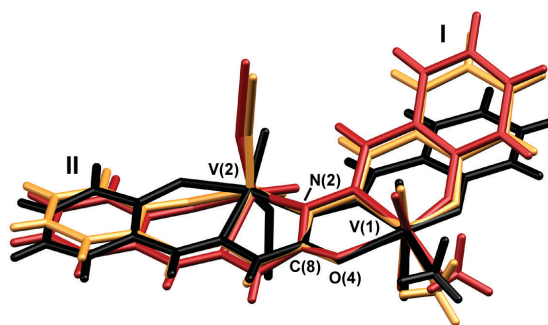
DOI: 10.5562/cca3978



Supramolecular Isomerism of Coordination Compounds Based on the in Situ Formed $[V_2O_3]^{4+}$ Core: Discrete and Chain-like Architectures

Mirta Rubčić, Ivan Halasz, Gordana Pavlović, Damir Pajić, Edi Topić, Marina Cindrić

Croat. Chem. Acta **2022**, 95(4), 177–183
DOI: 10.5562/cca3995



Synthesis and Structure of Copper(II) Complexes with an Imine Derived from 4-nitroaniline and 2-hydroxy-1-naphthaldehyde

Luka Fotović, Vinko Nemec, Dominik Cinčić

Croat. Chem. Acta **2022**, 95(4), 185–193
DOI: 10.5562/cca3992

