

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

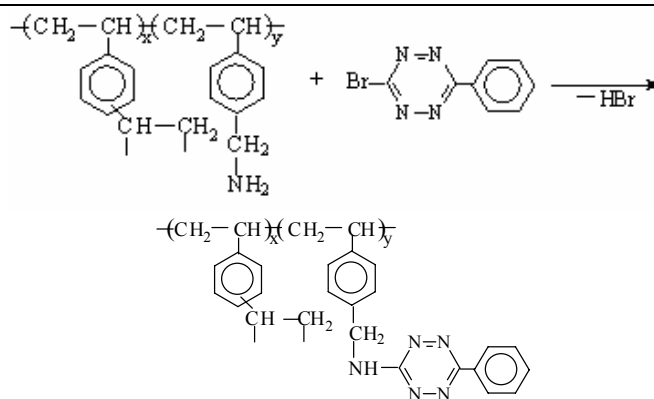
Tome 54, N° 2

Février 2009

REVIEW

Cornelia LUCA, Cristina Doina VLAD and Ion BUNIA

Trends in organic weak base anion exchangers resins



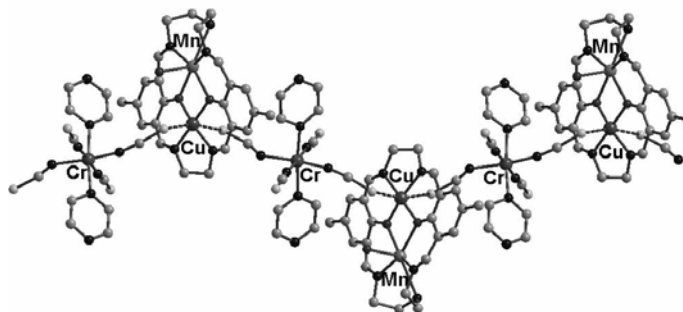
Rev. Roum. Chim., 2009, 54(2), 107-117

Key words: organic weak base anion exchangers, polymeric ligands, sorbents for acids.

PAPERS

Andrei CUCOȘ, Elena MELNIC, Yurii A. SIMONOV and Marius ANDRUH

A heterotrimetallic chain constructed from binuclear [Cu(II)Mn(II)] nodes and *trans*-[Cr(NCS)₄(pyz)₂]⁻ spacers

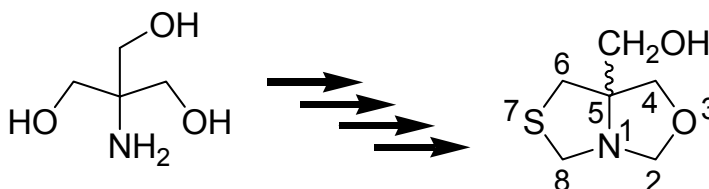


Rev. Roum. Chim., 2009, 54(2), 119-125

Key words: heterotrimetallic complexes; copper(II) complexes; manganese(II) complexes, chromium(III) complexes; crystal structure.

Andrada BUT, Carmen BATIU, Yvan RAMONDENC and Mircea DARABANTU

Serinolic approach in the synthesis of the 3-oxa-7-thia-1-azabicyclo[3.3.0]octane skeleton functionalised at the C-5 position

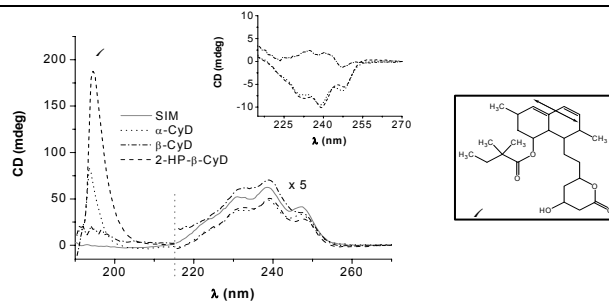


Rev. Roum. Chim., 2009, 54(2), 127-132

Key words: cysteinols, 1,3-oxazolines, 3-oxa-7-thia-1-azabicyclo[3.3.0]octane, serinols, thionation.

**Iulia MATEI, Laura SOARE,
Cristina TABLET and
Mihaela HILLEBRAND**

Characterization of simvastatin and its cyclodextrin inclusion complexes by absorption and circular dichroism spectroscopies and molecular mechanics calculations

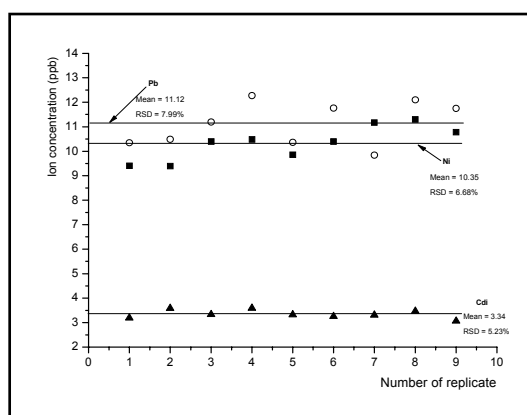


Key words: simvastatin, cyclodextrin, inclusion complex, UV absorption, circular dichroism, semiempirical, molecular mechanics, binding parameters.

Rev. Roum. Chim., 2009, 54(2), 133-141

**Ion Gh. TĂNĂSE, Alexandru PANĂ and
Mihaela PANĂ**

Data analysis of variance in atomic absorption spectrometry for determination of hazardous microelements Ni, Pb, Cd from polyether polyols

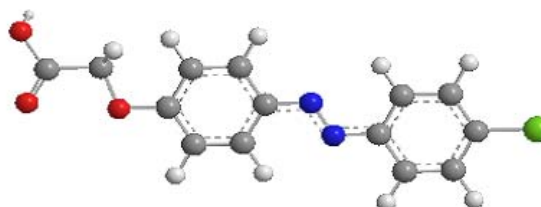


Key words: Ni, Pb, Cd, analysis of variance, repeatability, linearity, population, F test.

Rev. Roum. Chim., 2009, 54(2), 143-150

Anca MOANȚĂ and Stelian RADU

Spectroscopic analysis and antimicrobial activity of some 4-phenylazo-phenoxyacetic acids

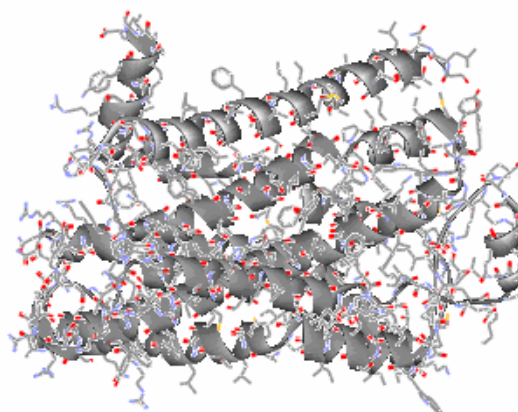


Key words: 4-phenylazo-phenoxyacetic acid, ^1H NMR spectra, mass spectra, antimicrobial activity.

Rev. Roum. Chim., 2009, 54(2), 151-156

**Liliana OSTOPOVICI HALIP, Ana BOROTA,
Maria MRACEC, Ramona CURPAN,
Alexandra GRUIA and Mircea MRACEC**

3D homology model of the alpha2A adrenergic receptor subtype



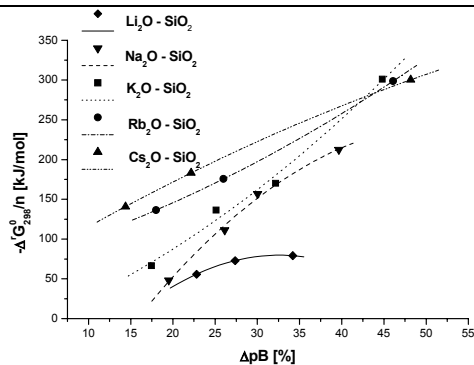
Key words: homology; 2RH1 PDB template; GPCR; 3D-model; alpha2A adrenergic receptor.

Rev. Roum. Chim., 2009, 54(2), 157-161

Ovidiu DUMITRESCU et Dorel RADU

Systèmes cristallins silico-alcalins : l'influence de la basicité sur certaines propriétés thermodynamiques

Silica-alkali crystalline systems : the influence of basicity on some thermodynamic properties



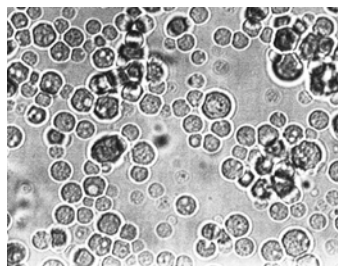
Rev. Roum. Chim., 2009, 54(2), 163-171

Key words: énergie libre de réaction Gibbs, basicité, systèmes silico-alcalins.

Cristina STOIAN, Mihaela OLTEANU, Gheorghe ZGHEREA et Sandu PERETZ

Stabilité des émulsions doubles réalisées en présence des polymères

Stability of double emulsions prepared in the presence of polymers



Rev. Roum. Chim., 2009, 54(2), 173-179

Key words: émulsion double, acide polyacrylique, destruction, diffusion.

