

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

Tome 58, N° 6

Juin 2013

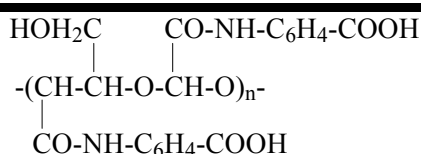
Dr. Nicolae I. IONESCU

Rev. Roum. Chim., 2013, 58(6), 477-478

PAPERS

Cristian C. GAVĂT, Constantin V. UGLEA and Costinela Valerica GEORGESCU

Biological activity of the oxidized polysaccharides

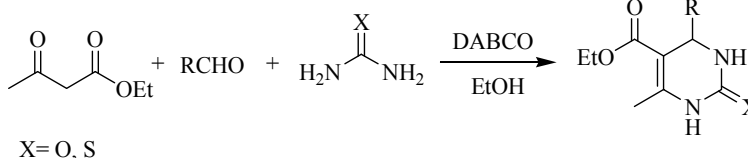


Key words: natural polysaccharides, benzocaine, Didox, antiviral activity, antitumor activity.

Rev. Roum. Chim., 2013, 58(6), 479-489

Naser FOROUGHIFAR, Akbar MOBINKHALEDI, Bahare REBEIE and Leila JALILI

DABCO as a mild and efficient catalyst for the synthesis of tetrahydropyrimidines

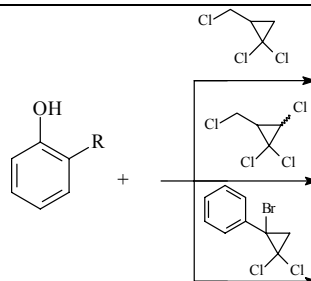


Key words: tetrahydropyrimidines, DABCO, catalyst, Biginelli.

Rev. Roum. Chim., 2013, 58(6), 491-495

Gulnara Z. RASKILDINA, Elmira K. AMINOVA, Anna N. KAZAKOVA, Anna A. BOGOMAZOVA, Natalia N. MIKHAILOVA and Simon S. ZLOTSKY

Reactions of substituted *gem*-dichlorocyclopropanes with phenols

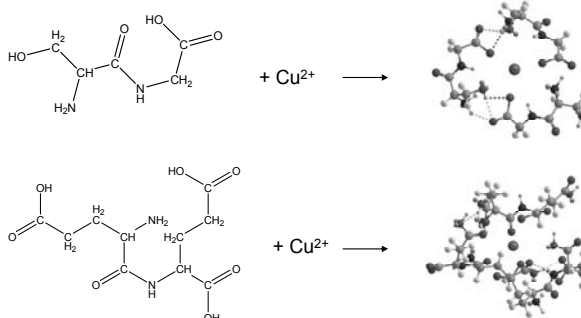


Key words: *gem*-dichlorocyclopropanes, O-alkylation, phase transfer catalysis, vinilketals, dimethylsulfoxide.

Rev. Roum. Chim., 2013, 58(6), 497-500

Laura HABASESCU, Gheorghita ZBANCIOC, Robert GRADINARU, Manuela MURARIU, László FERENCZ and Gabi DROCHIOIU

Copper binding to SG and EE peptides as a function of pH. Implication for understanding amyloidogenesis

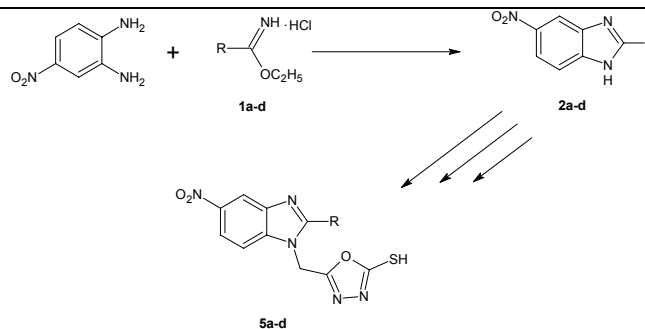


Key words: copper binding, peptides, serylglycine, glutamylglutamate, spectroscopy.

Rev. Roum. Chim., 2013, 58(6), 501-509

**Bahittin KAHVECI, Nesibe SOSAN,
Emre MENTEŞE and Fatih YILMAZ**

Microwave-assisted synthesis of some novel benzimidazole compounds containing oxadiazole moiety

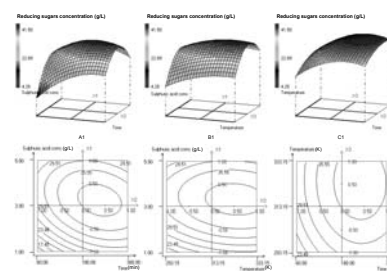


Key words: benzimidazole, iminoester hydrochloride, microwave synthesis, oxadiazole.

Rev. Roum. Chim., 2013, 58(6), 511-515

**Paula E. DOBROVICI, Andrei I. SIMION,
Cristina G. GRIGORAŞ
and Lidia FAVIER-TEODORESCU**

Optimization of barley husks acid hydrolysis process using the response surface methodology

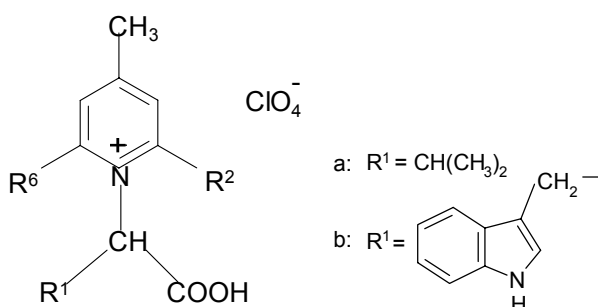


Key words: barley, husks, hydrolysis, response surface methodology, optimization.

Rev. Roum. Chim., 2013, 58(6), 517-525

**Mariana Viorica BOGĂŢIAN,
Gheorghe BOGĂŢIAN, Anca HÎRTOPEANU,
Călin DELEANU, Alina NICOLESCU,
Maria MAGANU and Petru FILIP**

Reaction of pyrylium perchlorates having long alkyl substituted with aminoacids

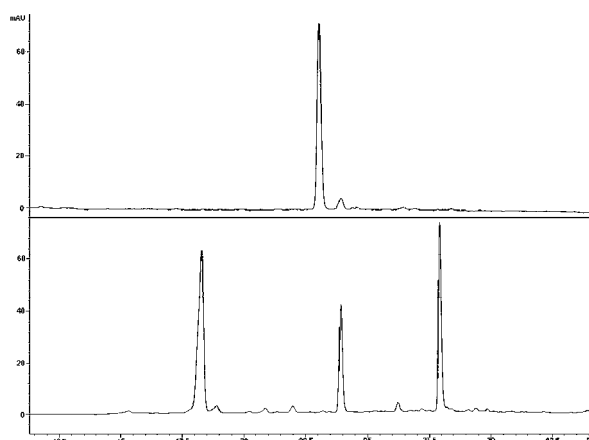


Key words: pyrylium and pyridinium perchlorates, aminoacids.

Rev. Roum. Chim., 2013, 58(6), 527-532

**Snežana S. MITIĆ, Branka T. STOJANOVIĆ,
Aleksandra N. PAVLOVIĆ, Milan N. MITIĆ
and Milan B. STOJKOVIĆ**

The phenol content, antioxidant activity and metal composition of the Serbian vineyard peach

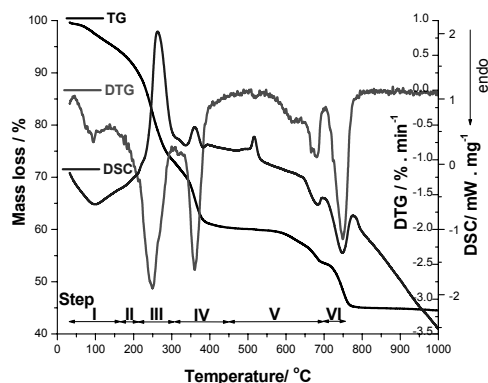


Rev. Roum. Chim., 2013, 58(6), 533-541

Key words: vineyard peach, polyphenolic content, antioxidant activity, metals.

**Mircea NICULESCU, Dan ROȘU,
Ionuț LEDEȚI, Marius MILEA and
Petru BUDRUGEAC**

Thermal and spectroscopic studies of Ni(II)-Fe(III) heteropolynuclear coordination compound obtained through the reaction of 1,2-ethanediol with metallic nitrates

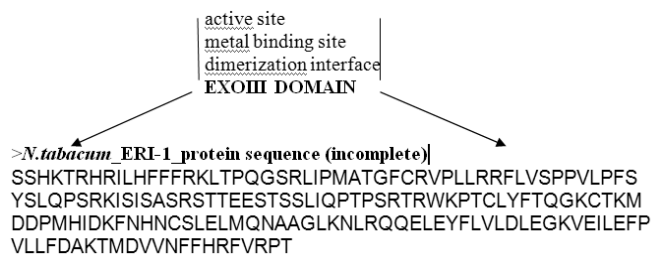


Key words: 1,2-ethanediol, metallic nitrates, heteropolynuclear coordination compound, glyoxylate, thermal analysis.

Rev. Roum. Chim., 2013, 58(6), 543-552

**Anca Amalia UDRISTE, Vasilica STAN,
Martin TABLER and Gabriel Lucian RADU**

Identification of an EXOIII domain of a putative plant ERI-1 homologue



Rev. Roum. Chim., 2013, 58(6), 553-560

Key words: *Nicotiana tabacum*; ERI-1; 3'-5' exonuclease domain (EXOIII).

