

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

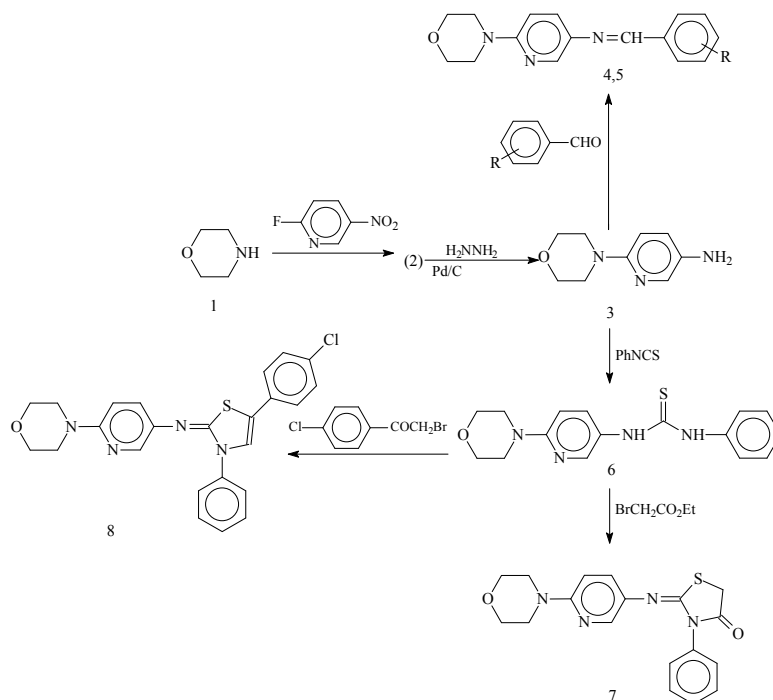
Tome 62, N° 3

Mars 2017

PAPERS

Hakan BEKTAS, Canan ALBAY,
Emre MENTESE and Neslihan DEMİRBAS

New pyridine derivatives as antiurease inhibitors:
synthesis and their evaluation for antimicrobial
activities

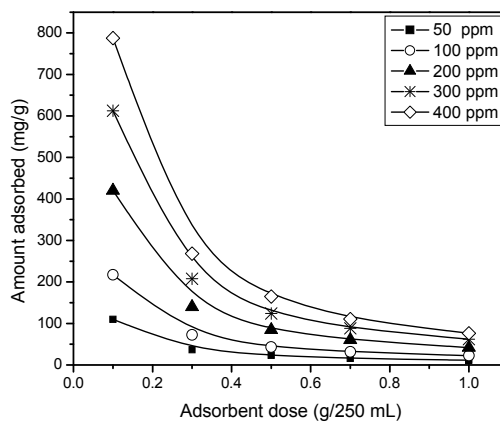


Key words: pyridine, 1,3-thiazole, morpholine, 1,3-thiazolidine, Schiff base, antimicrobial activity, antiurease activity.

Rev. Roum. Chim., 2017, 62(3), 199-205

Mervette El BATOUTI

Cadmium removal from wastewater by adsorption
using natural bentonite

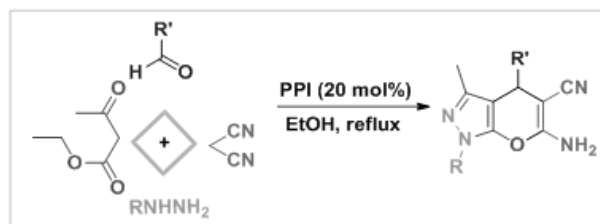


Key words: thermodynamic parameters, cadmium, adsorption, wastewater, kinetic models.

Rev. Roum. Chim., 2017, 62(3), 207-219

Hamzeh KIYANI and Maryam BAMDAD

One-pot four-component synthesis of 1,4-dihydropyrano[2,3-*C*]pyrazole-5-carbonitriles catalyzed by potassium phthalimide

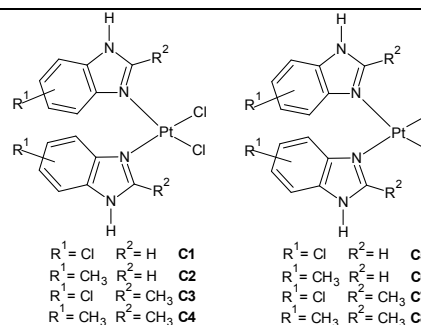


Key words: pyrano[2,3-*c*]pyrazole, potassium phthalimide, four-component reaction, green.

Rev. Roum. Chim., 2017, 62(3), 221-226

Abdoul NZEYIMANA, Semra UTKU, Leyla AÇIK and Ayten ÇELEBİ KESKİN

Synthesis, characterization and DNA interaction of novel platinum(II) complexes containing substituted benzimidazole ligands

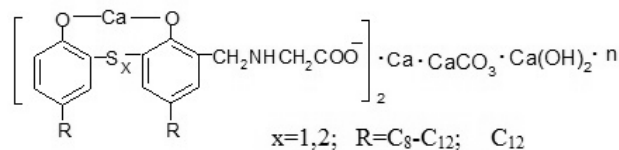


Key words: benzimidazole, platinum complexes, synthesis, gel electrophoresis, cisplatin.

Rev. Roum. Chim., 2017, 62(3), 227-236

Afayat Kh. MAMMADOVA, Vagif M. FARZALIYEV and Ali K. KAZIMZADEH

New formulation of alkylphenolate lubricant's additives based on nitrogen, sulfur and carboxylate group

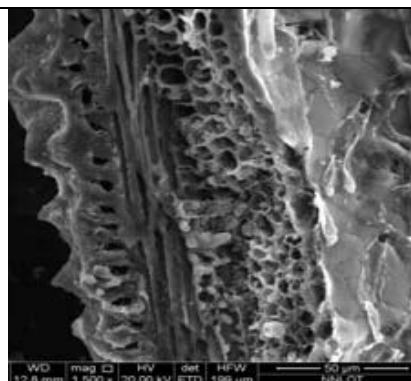


Key words: lubricating oil, additives, nitrogen, sulfur, alkylphenolate, carboxylate and carbonate.

Rev. Roum. Chim., 2017, 62(3), 237-247

Dauren BAISEITOV, Marat TULEPOV, Larissa SASSYKOVA, Sholpan GABDRASHOVA, Kenes KUDAIBERGENOV and Zulkhair MANSUROV

Physicomechanical properties of petrosorbents of the phytogenesis

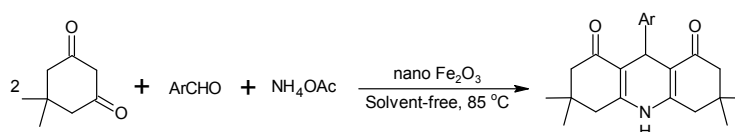


Key words: oil, vegetable sorbents, sorption capacity, rice husk.

Rev. Roum. Chim., 2017, 62(3), 249-253

Farhad HATAMJAFARI and Omid HOSSEINNEZHAD LAZARJANI

One-pot synthesis of 1,8-dioxo-decahydroacridine derivatives by using nano- Fe_2O_3 as a highly efficient and reusable heterogeneous catalyst under solvent-free conditions

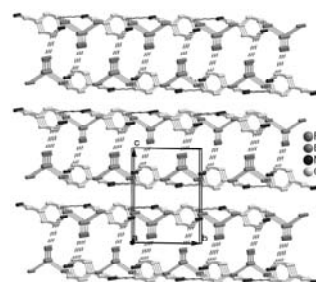


Key words: 1,8-dioxo-decahydroacridines, nano- Fe_2O_3 , multicomponent reactions (MCRs), solvent-free, one-pot.

Rev. Roum. Chim., 2017, 62(3), 255-260

**Xiuguang YI, Yanzhu LIU, Chen ZHOU,
Hongyan GAO, Xuezhen ZHOU and
Yongxiu LI**

Hydrothermal synthesis and crystal structure
of $(C_6H_5N_2)(FeBr_4)$

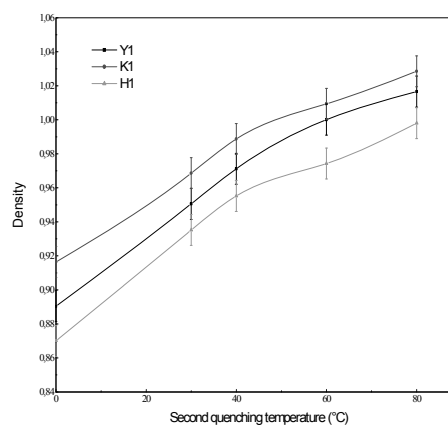


Rev. Roum. Chim., 2017, 62(3), 261-265

Key words: cyanopyridine, crystal structure, hydrothermal reaction, iron, supramolecule.

**Leila LATRECHE, Nacereddine HADDAOUI
and Maria Esperanza GAGIAO**

Calcium carbonate, kaolin and silica filled
polypropylene/ polystyrene blends: influence of
free quenching

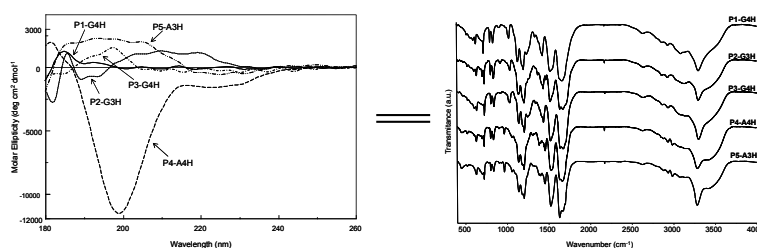


Rev. Roum. Chim., 2017, 62(3), 267-276

Key words: free quenching, annealing, blend-composites.

**Manuela MURARIU, Laura ION,
Catalina-Ionica CIOBANU,
Brindusa Alina PETRE and Gabi DROCHIOIU**

MS, CD and FT-IR characterization of five newly
synthesized histidine-containing Ala- and Gly-
based peptides



Rev. Roum. Chim., 2017, 62(3), 277-289

Key words: protein structure, peptide conformation, FT-IR, CD spectroscopy.

