

European Journal of Chemistry

An International Open Access Journal

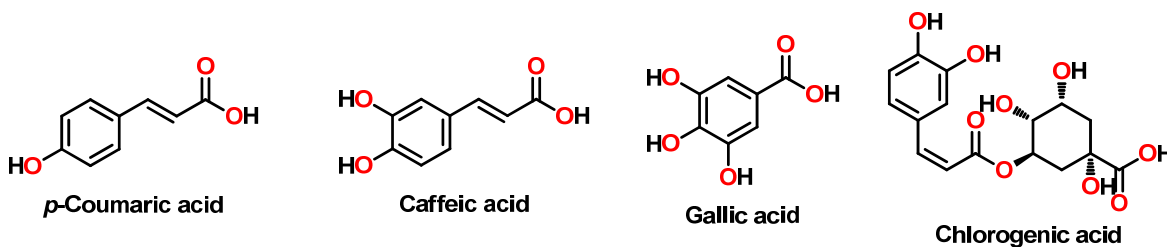
Graphical Contents

Volume 4, Issue 3, 30 September 2013

European Journal of Chemistry 4 (3) (2013) 185-190

Proximate compositions, phytochemical constituents, antioxidant activities and phenolic contents of seed and leaves extracts of Egyptian leek (*Allium ampeloprasum* var. *kurrat*)

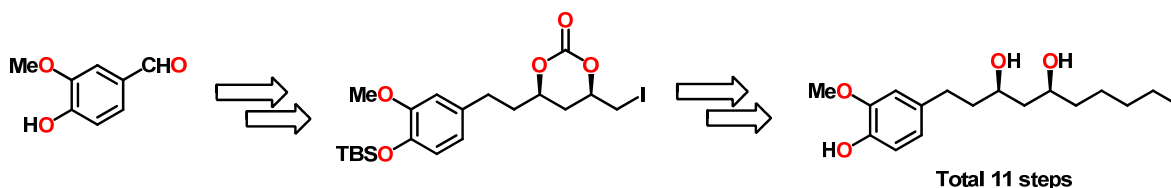
Fouad Abd El-Rehem Ahmed Abd El-Rehem and Rehab Farouk Mohammed Ali



European Journal of Chemistry 4 (3) (2013) 191-194

A simple stereoselective synthesis of (+)-[6]-gingerdiol

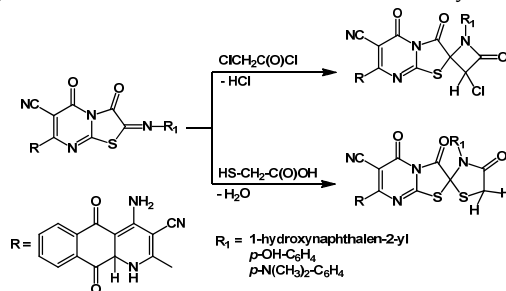
Rathod Aravind Kumar, Jajula Kashanna, Paramesh Jangili, and Biswanath Das



European Journal of Chemistry 4 (3) (2013) 195-202

Synthesis of some new spirocyclic β -lactam and spirocyclic thiazolidin-4-one derivatives

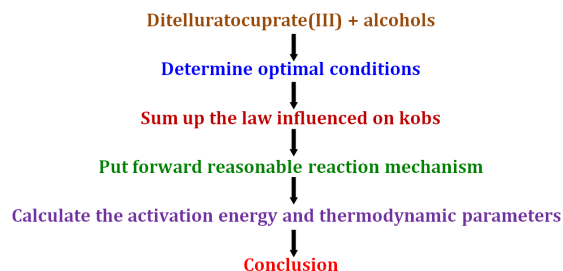
Hisham Abdallah Abd El-Monem Yosef, Nadia Ali Ahmed Elkanzi and Nesrin Mahmoud Morsy Mohamed



European Journal of Chemistry 4 (3) (2013) 203-206

Oxidation of triethylene glycol and tetraethylene glycol by ditelluratocuprate(III) in alkaline medium - A kinetic and mechanistic study

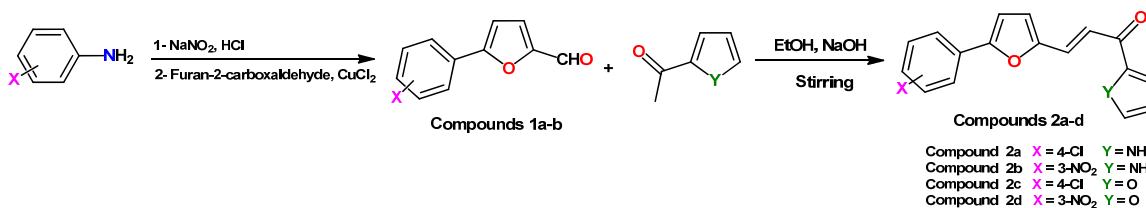
Jinhuan Shan and Yi Li



European Journal of Chemistry 4 (3) (2013) 207-210

Synthesis, characterization and antibacterial activity of (E)-chalcone derivatives

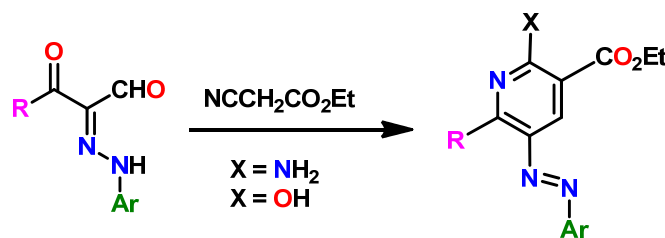
Ahmed Mutanabbi Abdula



European Journal of Chemistry 4 (3) (2013) 211-215

Synthesis of some biologically active monoazo disperse dyes derived from nicotinic acid derivatives under microwave irradiation for dyeing polyester fabrics

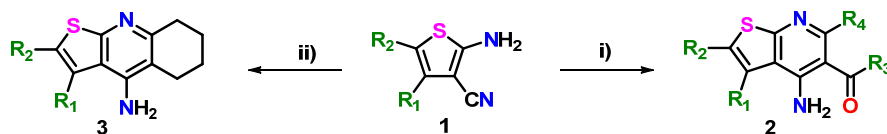
Fawzia Al-Qalaf, Khaledah Almohammad, Morsy Ahmed El-Asasery, and Huda Mahmoud



European Journal of Chemistry 4 (3) (2013) 216-219

Activated bentonite promoted Friedländer condensation reactions: Synthesis of thieno[2,3-b]quinolinones and tacrines analogues derivatives

Khairredine Mohamed Dridi, Ridha Ben Said, Youssef Arfaoui and Abdullah Sulaiman Al-Ayed



i) β -diketone, catalyst, 1,2-dichloroethane, reflux.

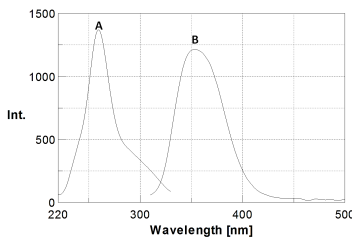
ii) cyclohexanone, catalyst, 1,2-dichloroethane, reflux catalyst: Acid activated bentonite or AlCl₃

Some new aminothiemo[2,3-b]quinolinones (2) and tacrines analogues derivatives (3) were synthesized in high yield with acid activated bentonite as a catalyst via the Friedländer condensation reaction.

European Journal of Chemistry 4 (3) (2013) 220-225

Kinetic fluorimetric determination of Mesna (Sodium-2-mercaptoethane sulfonate) in drug products through oxidation with cerium(IV)

Mohamed Rizk, Elham Anwer Taha, Shereen Mowaka and Youmna Mosaad Abdallah

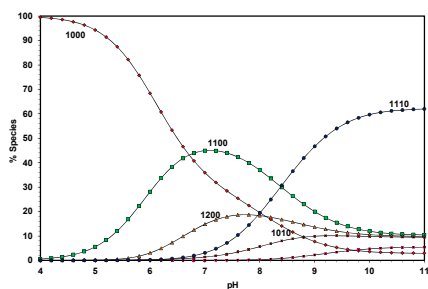


Excitation and emission spectra of induced Ce (III) by oxidation of 4 ng/mL mesna with Ce (IV)
(A): Excitation spectrum; (B): Emission spectrum.

European Journal of Chemistry 4 (3) (2013) 226-234

Potentiometric determination of stability constants and thermodynamic data for ternary Cd(II) complexes with 2-aminomethyl benzimidazole (AMBI) and other bioactive ligands

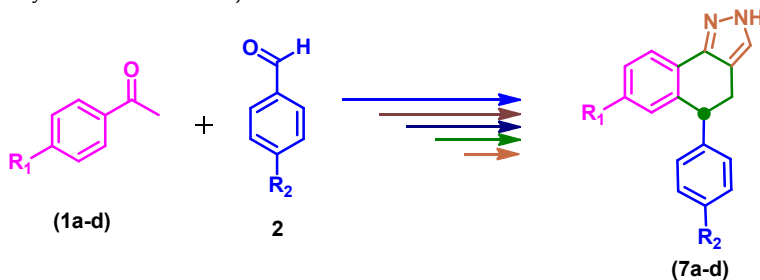
Mutlaq Shedeed Aljahdali



European Journal of Chemistry 4 (3) (2013) 235-239

Synthesis and characterization of diaza analogues of podophyllotoxin

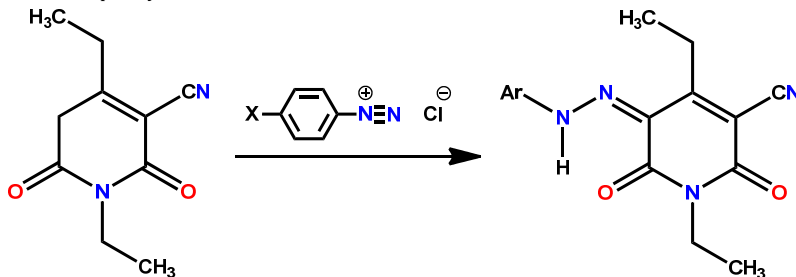
Basavaiah Umesha and Yeriyyur Basavaiah Basavaraju



European Journal of Chemistry 4 (3) (2013) 240-244

The effect of dispersing agent on the dyeing of polyester fabrics with disperse dyes derived from 1,4-diethyl-2,6-dioxo-1,2,5,6-tetrahydropyridine-3-carbonitrile

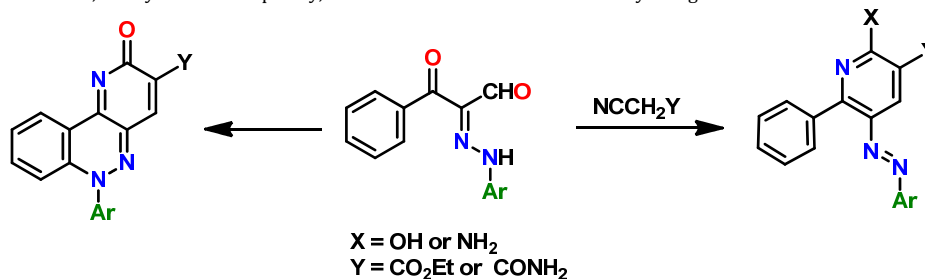
Alya Al-Etaibi, Morsy Ahmed El-Asasery and Nouria Al-Awadi



European Journal of Chemistry 4 (3) (2013) 245-249

A facile synthesis of some biologically active disperse dyes derived from arylazonicotinates and their application on polyester fabrics

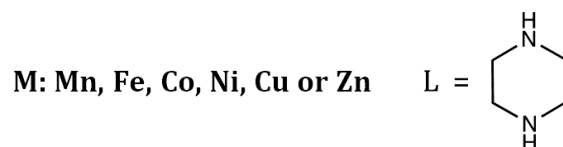
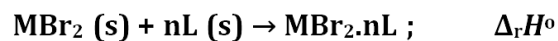
Samar Mohamed Ashkar, Morsy Ahmed El-Asasery, Marwan Touma and Mohamed Hilmy Elnagdi



European Journal of Chemistry 4 (3) (2013) 250-254

Synthesis, characterization and thermochemistry of piperazine complexes of bivalent metal bromides

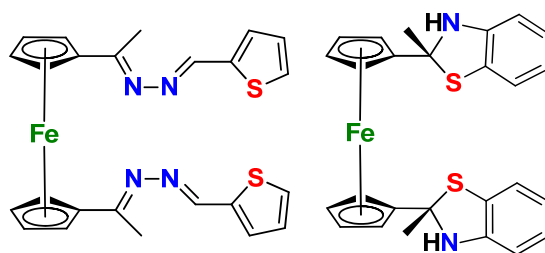
Pedro Oliver Dunstan and Abdul Majeed Khan



European Journal of Chemistry 4 (3) (2013) 255-259

New lanthanide complexes of 1,1'-bis[(2-thienylmethylidene)hydrazono-1-ethyl]-ferrocene and 1,1'-bis(2,3-dihydro-2-methylbenzo[d]thiazol-2-yl)ferrocene: Synthesis, characterization and antimicrobial properties

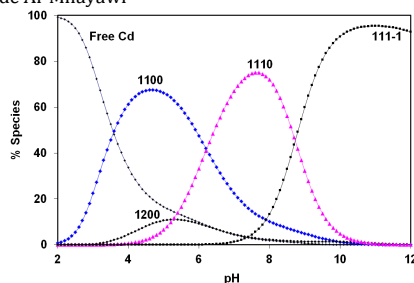
Wael Hussein Hegazy



European Journal of Chemistry 4 (3) (2013) 260-267

Synthesis, characterization, biological activity and equilibrium studies of cadmium(II) with 2,6-diaminopyridine and various bio-relevant ligands

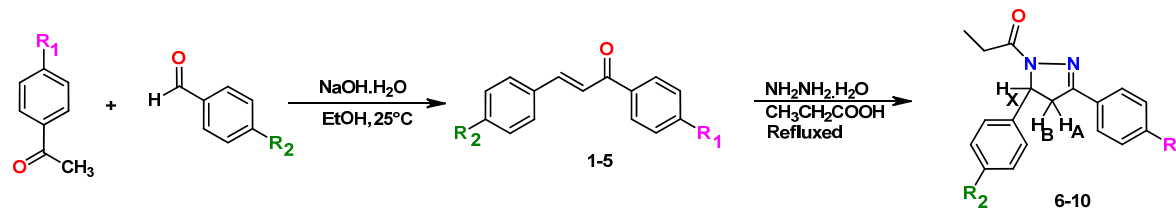
Azza Abdelwahab Shoukry and Saedah Rweide Al-Mhayawi



European Journal of Chemistry 4 (3) (2013) 268-271

Synthesis, characterization and antimicrobial evaluation of 1-((5,3-diaryl)-4,5-dihydro-1H-pyrazol-1-yl)propan-1-one

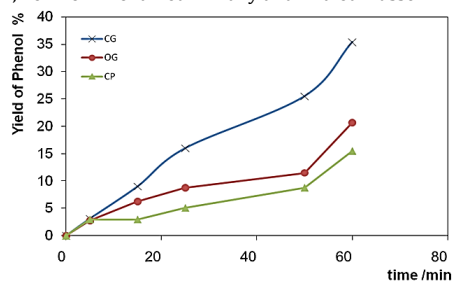
Assia Sid, Nouara Ziani, Ouafa Demmen-Debbih, Mahieddine Mokhtari and Kaddour Lamara



European Journal of Chemistry 4 (3) (2013) 272-276

Preparation of $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{0.95}\text{Fe}_{0.05}\text{O}_3$ perovskites by different methods: Catalytic activity towards the hydroxylation of benzene

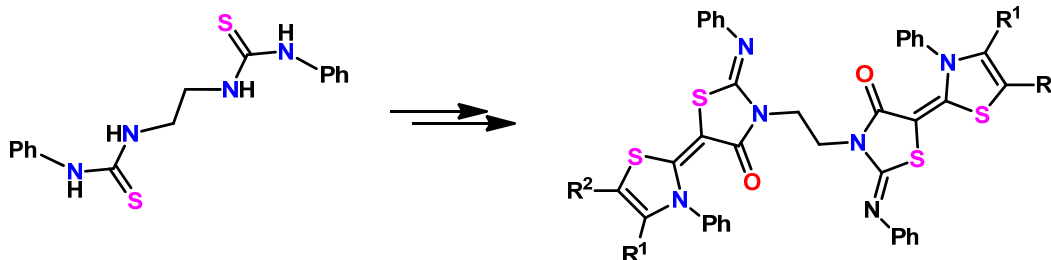
Ahmed Imam Hanafy, Ibraheem Othman Ali, Zeinhom Mohamed El-Bahy and Khaled Hussein Mahmoud



European Journal of Chemistry 4 (3) (2013) 277-284

Synthesis and antimicrobial activity of some new 1,2-bis-[1,3-thiazolidin-3-yl]ethane derivatives

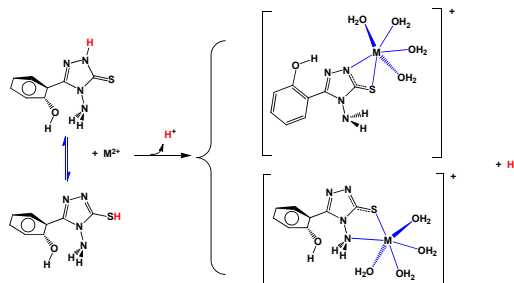
Kamal Mohamed Dawood and Hussein Khalaf-Allah Abu-Deif



European Journal of Chemistry 4 (3) (2013) 285-291

Complexation of manganese(II), cobalt(II), nickel(II) and copper(II) by a ligand derived from 1,2,4-triazole: Potentiometric studies and Density Functional Theory calculations

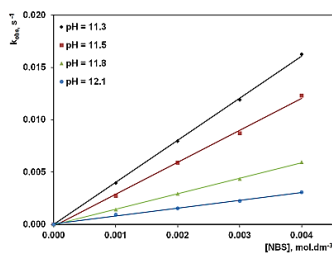
Nawel Lechani, Maamar Hamdi, Fahima Aklil, Samia Khabouche, Ouassini Benali Baitich, Djaffar Kheffache, Sofiane Moussi and Ourida Ouamerali



European Journal of Chemistry 4 (3) (2013) 292-296

Kinetics of oxidative degradation of Rhodamine-B by *N*-bromosuccinimide in aqueous alkaline medium

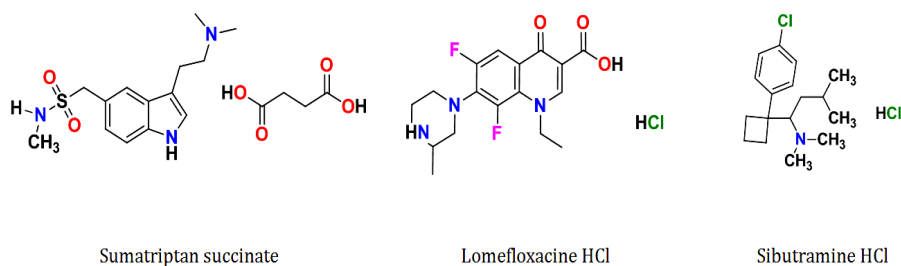
Alaa Eldin Mokhtar Abdel-Hady



European Journal of Chemistry 4 (3) (2013) 297-302

Conductometric determination of sibutramine HCl, sumatriptan succinate and lomefloxacin HCl and the solubility products of their ion associates with molybdophosphoric acid

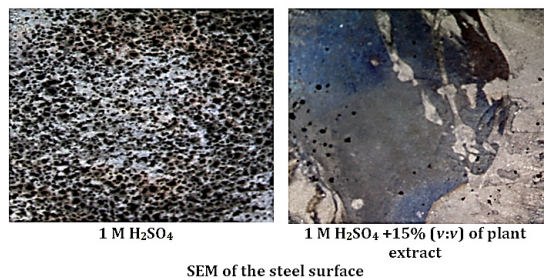
Magda Mohamed Ayad, Hisham Ezzat Abdellatef, Mervat Mohamed Hosny, and Nagla Abdel-Sattar Kabil



European Journal of Chemistry 4 (3) (2013) 303-310

Thermodynamic, chemical and electrochemical investigation of *pandanus tectorius* extract as corrosion inhibitor for steel in sulfuric acid solutions

Aisha Mahmood Al-Turkustani



European Journal of Chemistry 4 (3) (2013) 311-328

3-Formylchromones as diverse building blocks in heterocycles synthesis

Magdy Ahmed Ibrahim, Tarik El-Sayed Ali, Nasser Mohamed El-Gohary, and Azza Mohamed El-Kazak

