

European Journal of Chemistry

An International Open Access Journal

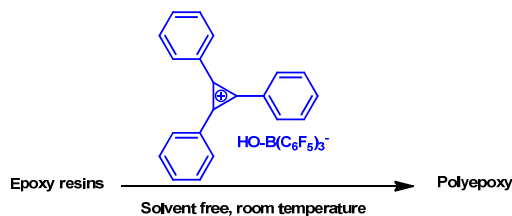
Graphical Contents

Volume 3, Issue 4, 31 December 2012

European Journal of Chemistry 3 (4) (2012) 395-398

Triphenylcyclopropenium hydroxytris(pentafluorophenyl)borate salt for solvent free epoxy curing

Priya Hewavitharane



Epoxide polymerization with triphenylcyclopropenium hydroxytris(pentafluorophenyl)borate can be done at room temperature under solvent free conditions due to excellent solubility in epoxy resins.

European Journal of Chemistry 3 (4) (2012) 399-403

The effect of temperature on association constants and conductivities of ferrous chloride and ferric chloride in DMF-water mixtures

Süheyla Pura Ergin

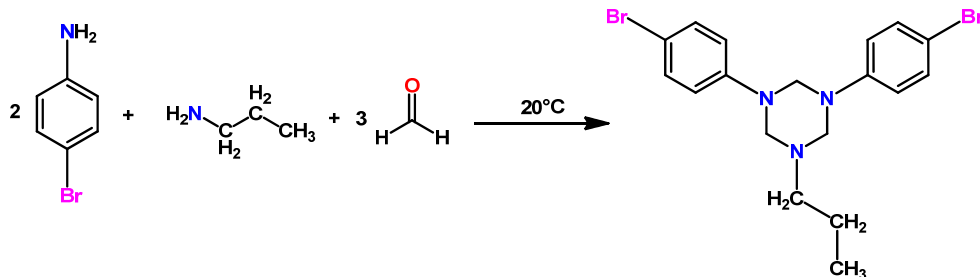
Association constant (K_A) values determined by Shedlovsky model for $FeCl_2$ and $FeCl_3$ in DMF-water mixtures at various temperatures (T) and DMF compositions.

T (K)	$K_A(FeCl_2)$				$K_A(FeCl_3)$			
	20%	40%	60%	80%	20%	40%	60%	80%
288.15	41.08	44.26	50.21	60.00	53.34	59.16	67.36	78.50
298.15	49.69	53.36	60.47	70.40	63.55	69.42	77.68	87.90
308.15	61.98	66.78	73.59	82.86	75.88	81.80	90.13	101.40
318.15	79.35	82.85	85.66	99.44	90.35	96.33	104.74	116.16
328.15	94.60	97.88	104.11	116.63	106.98	113.02	121.52	133.07

European Journal of Chemistry 3 (4) (2012) 404-405

Synthesis and characterization of 1,3-bis(4-bromophenyl)-5-propyl-1,3,5-triazinane

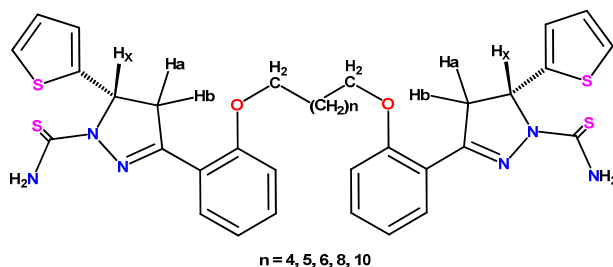
Leila Lefrada, Ahcene Bouchemma, Mustapha Bouhenguel, Amel Ferhati and Mahmoud Chebbah



European Journal of Chemistry 3 (4) (2012) 406-410

Synthesis and in-vitro antibacterial activity of some bis-5-(thiophen-2-yl)-carbothioamide-pyrazoline derivatives

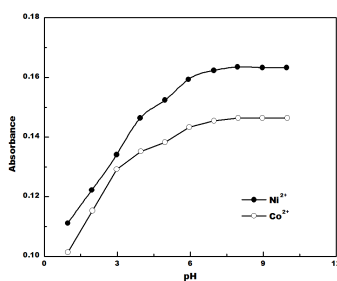
Mamta Rani and Mohamad Yusuf



European Journal of Chemistry 3 (4) (2012) 411-415

Spectrophotometric investigation of DL-tryptophan in the presence of Ni(II) or Co(II) ions

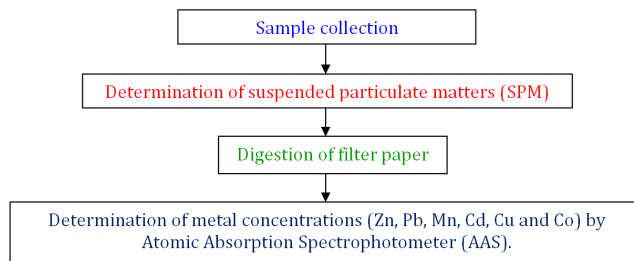
Özlen Altun and Selin Bilcen



European Journal of Chemistry 3 (4) (2012) 416-420

Determination of trace metals in air of Chittagong city-Bangladesh

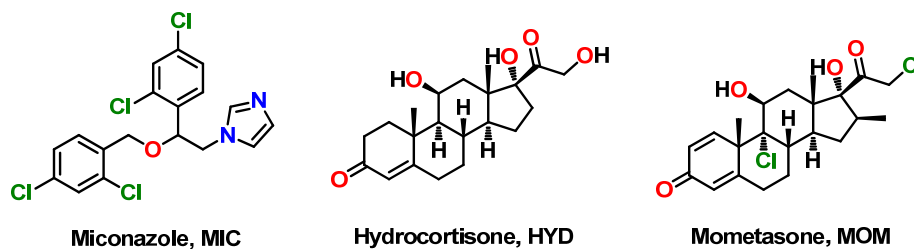
Mohammed Jamaluddin Ahmed, Mohammed Khorshed Ali, Muzammel Hossain, Shajahan Siraj and Mohammed Aminul Ahsan



European Journal of Chemistry 3 (4) (2012) 421-425

Simultaneous determination of miconazole and hydrocortisone or mometasone using reversed phase liquid chromatography

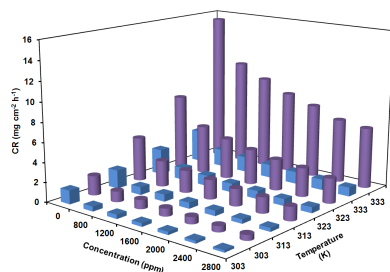
Ramzia Ismail El-Bagary, Ehab Farouk Elkady, Marwa Hosny Tammam and Ayman Abo Elmaaty



European Journal of Chemistry 3 (4) (2012) 426-432

Ziziphus mauritiana leaves extracts as corrosion inhibitor for mild steel in H₂SO₄ and HCl solutions

Shivapura Subbappa Shivakumar and Kikkeri Narasimha Shetty Mohana

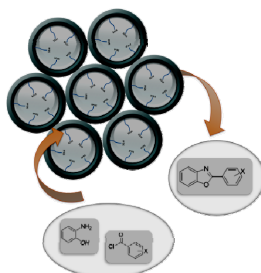


Ziziphus mauritiana acts as very good corrosion inhibitor on mild steel corrosion in 0.5 M H₂SO₄ and 0.5 M HCl and inhibition efficiency decreases with increase in temperature.

European Journal of Chemistry 3 (4) (2012) 433-436

Application of SBA-Pr-SO₃H in the synthesis of benzoxazole derivatives

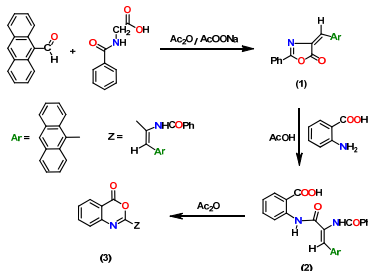
Ghodsi Mohammadi Ziarani, Alireza Badieli, Monireh Shakiba Nahad and Malihe Hassanzadeh



European Journal of Chemistry 3 (4) (2012) 437-441

Synthesis and antimicrobial evaluation of some new quinazolin-4(3H)-one derivatives

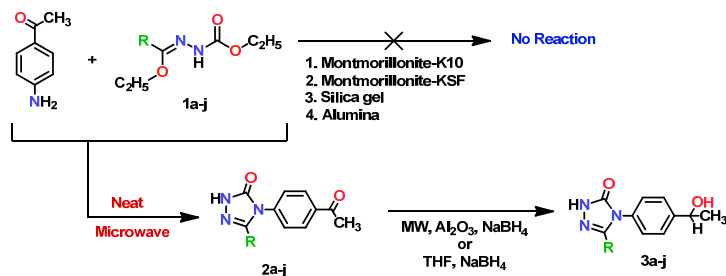
Naglaa Fawzy, Madeha Othman Ibrahim Ghobashy and Ahmed Kamel El-Ziati



European Journal of Chemistry 3 (4) (2012) 442-446

Synthesis and reduction reaction of novel triazole compounds in the solid-media condition by using microwave method

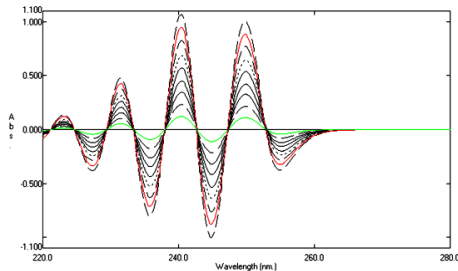
Musa Özil, Emre Menteşe and Bahittin Kahveci



European Journal of Chemistry 3 (4) (2012) 447-454

Development and validation of spectrophotometric methods for simultaneous determination of sitagliptin and simvastatin in binary mixture

Sherif Abdel-Naby Abdel-Gawad and Zeinab Abdelaziz Elsherif

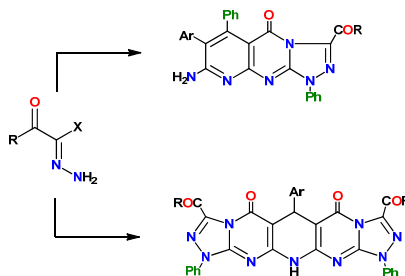


Simple and selective spectrophotometric methods were adopted for the determination of sitagliptin and simvastatin in their new FDA approved tablets.

European Journal of Chemistry 3 (4) (2012) 455-460

Synthesis and antimicrobial activities of pyrido[2,3-*d*]pyrimidine, pyridotriazolopyrimidine, triazolopyrimidine, and pyrido[2,3-*d*:6,5-*d'*]dipyrimidine derivatives

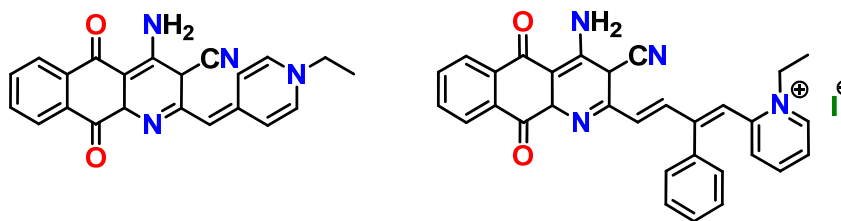
Anhar Abdel-Aziem, Marwa Sayed El-Gendy and Abdou Osman Abdelhamid



European Journal of Chemistry 3 (4) (2012) 461-467

Benzo[*g*]quinoline heterocyclic derivative as a typical precursor in the synthesis of new class of cyanine-like dyes

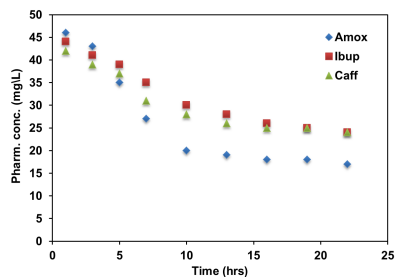
Maha Mobaruk Gomaa, Naglaa Salah El-Deen and Nadia Ali El-Kanzi



European Journal of Chemistry 3 (4) (2012) 468-474

The study of kinetics and thermodynamics of selected pharmaceuticals and personal care products on agriculture soil

Shehdeh Jodeh

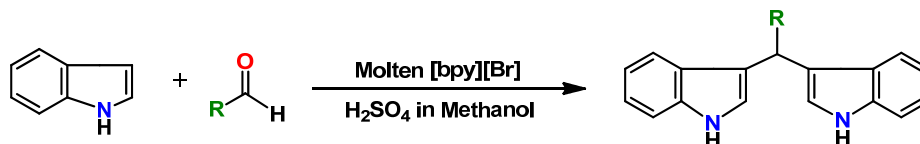


Effect of contact time on the removal of pharmaceuticals by soil at (initial concentration = 50 mg/L, initial pH = 4, temperature = 25 °C and solid/liquid ratio = 1.0 g/50 mL).

European Journal of Chemistry 3 (4) (2012) 475-479

Synthesis of bis(indolyl)methanes using molten *N*-butylpyridinium bromide

Gaurav Gupta, Ganesh Chaudhari, Preeti Tomar, Yogesh Gaikwad, Rameez Azad, Girish Pandya, Govinda Waghulde and Kesharsingh Patil

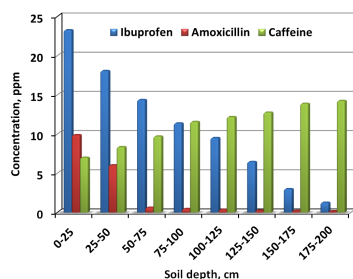


N-butyl-pyridinium bromide a better catalyst for the synthesis of bis(indolyl)methanes.

European Journal of Chemistry 3 (4) (2012) 480-484

The fate of leachate of pharmaceuticals like amoxicillin, ibuprofen and caffeine in the soil using soil columns

Shehdeh Jodeh, Halimeh Staiti, Marwan Haddad, Tamara Renno, Abdelnaser Zaid, Nidal Jaradat and Maher Kharoaf



The concentration of the three pharmaceuticals distributed in soil column after 15 years expectation of these drugs waste.

European Journal of Chemistry 3 (4) (2012) 485-492

Regiospecific synthesis of some novel *N*-nucleosides of 4-amino-5-substituted-1,2,4-triazole-3-thiones and their in-vitro antimicrobial activity

Humaira Nadeem and Zaman Ashraf

