

European Journal of Chemistry

An International Open Access Journal

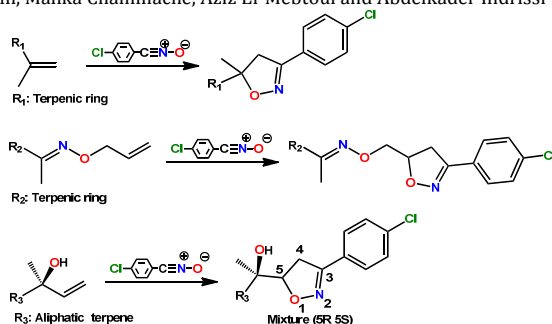
Graphical Contents

Volume 5, Issue 3, 30 September 2014

European Journal of Chemistry 5 (3) (2014) 383-387

Comparative study of reactivity of (-)-*R*-carvone, (-)-*R*-linalool and (-)-(1*S*,4*S*)-camphor derivatives: Synthesis of new heterocycles

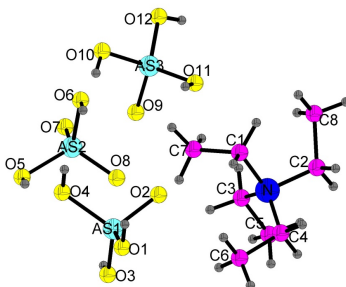
Mohamed Rouani, Bouchra Rahmouni, Malika Chammache, Aziz El-Mebtoul and Abdelkader Ildrissi



European Journal of Chemistry 5 (3) (2014) 388-393

Crystal structure, thermal behavior and vibrational studies of tetraethylammonium dihydrogenarsenate bis-arsenic acid [(C₂H₅)₄N].[H₂AsO₄].[H₃AsO₄]₂

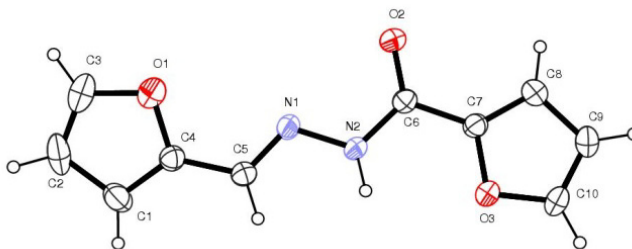
Ikram Dhoub, Philippe Guionneau, Tahar Mhiri and Zakaria Elaoud



European Journal of Chemistry 5 (3) (2014) 394-396

Synthesis, characterization and crystal structure of *N'*-[(*E*)-furan-2-ylmethylidene]furan-2-carbohydrazide

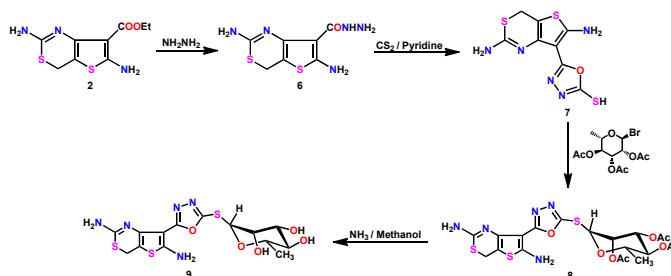
Riya Datta, Ramya Vittalacharya and Bubbly Shivappa Gudennavar



European Journal of Chemistry 5 (3) (2014) 397-401

Synthesis and antimicrobial activities of some thieno[3,2-d][1,3]thiazine nucleosides derivatives

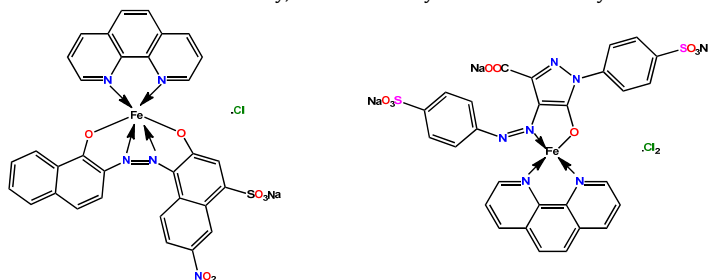
Amira Atef Ghoneim and Sahar Abdelaziz



European Journal of Chemistry 5 (3) (2014) 402-409

Synthesis, spectroscopic and thermal characterization of Fe(III)-mixed ligand complexes and spectrophotometric determination of Fe(III) in various samples

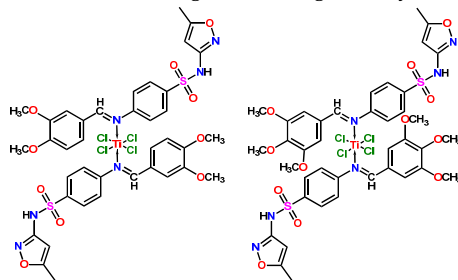
Gehad Genidy Mohamed, Ahmed Mohamed Mahmoud Hindy, Mahmoud Sabry Rizk and Mai El-Sayed Sadek



European Journal of Chemistry 5 (3) (2014) 410-414

Anticancer 4: Anticancer and DNA cleavage studies of some new Schiff base titanium (IV) complexes

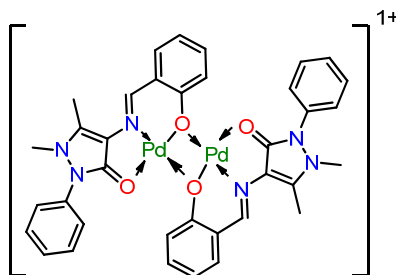
Ali Gumaan El-Shekeil, Abeer Omer Abubakr, Sama Abdalla Al-Aghbari and Mogahid Yahya Nassar



European Journal of Chemistry 5 (3) (2014) 415-418

Spectroscopic and electrochemical investigations and antibacterial activity of binuclear Pd(II) and Pt(IV) complexes of newly synthesized tridentate heterocyclic compounds

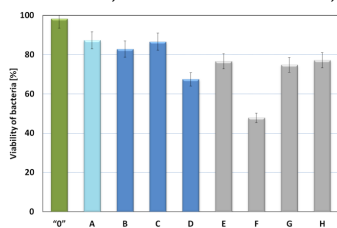
Wael Hussein Hegazy



European Journal of Chemistry 5 (3) (2014) 419-423

Bactericidal properties of experimental dental composites based on dimethacrylate resins reinforced by nanoparticles

Monika Magdalena Łukomska-Szymańska, Joanna Kleczewska, Dariusz Marian Bieliński, Witold Jakubowski and Jerzy Sokołowski



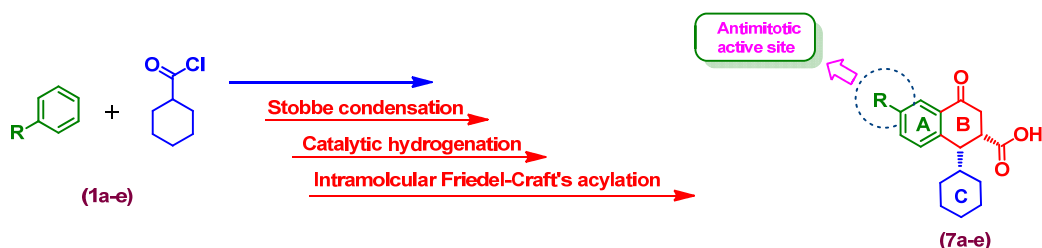
Dental composites are susceptible to bacteria adherence.

Composites containing silver nanoparticles deposited on TiO₂ or SiO₂ carrier exhibit an antibacterial potential.

European Journal of Chemistry 5 (3) (2014) 424-429

Synthesis and evaluation of antimittotic activity of new tetralone acid analogues of podophyllotoxin

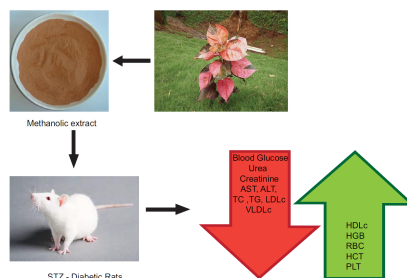
Santhekasalagere Basavaiah Shivakumar, Yeriyyur Basavaiah Basavaraju, Basavaiah Umesha, Mudeenahally Hucchegowda Krishna and Ningegowda Mallesha



European Journal of Chemistry 5 (3) (2014) 430-438

Phytochemical constituents, hypoglycemic and haematological effects of methanolic *Acalypha wilkesiana* leaves extract on streptozotocin-induced diabetic rats

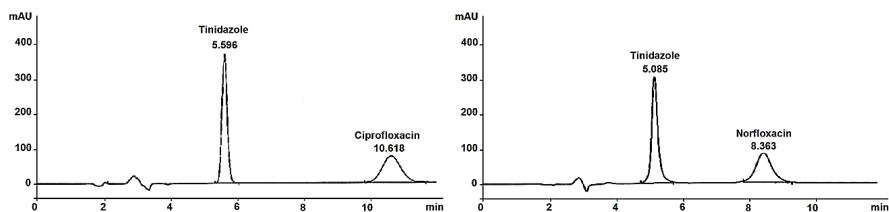
Ayman Yahya El-Khateeb, Nabil Abdel-Khalik Eid Azzaz and Hemdan Ibrahim Mahmoud



European Journal of Chemistry 5 (3) (2014) 439-445

Micellar high performance liquid chromatographic determination of tinidazole in combination with ciprofloxacin or norfloxacin in bulk, pharmaceutical dosage forms and in spiked human plasma

Mohamed Rizk, Safaa Shafik Toubar, Maha Mahmoud Abou El-Alamin and Marwa Mohamed Mahmoud Azab

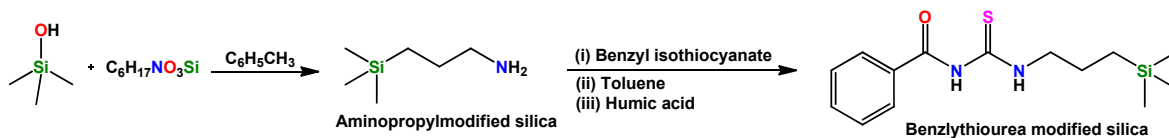


Representative chromatogram using the proposed method for simultaneous determination of TIN (100 µg/mL) in the presence of CIP, and TIN (100 µg/mL) in the presence of NOR.

European Journal of Chemistry 5 (3) (2014) 446-450

Investigation of uranium sorption from acidic sulfate solution using organosilicate compound and Amberlite IRA 402

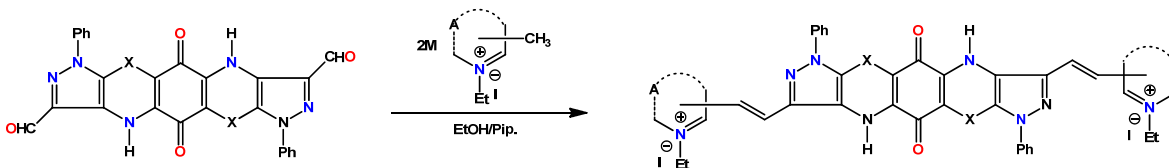
Mohamed Nouh Kouraim, Mohamed El Said Sheta and Mostafa Mahmoud Abd Elaal



European Journal of Chemistry 5 (3) (2014) 451-456

Effects of chemical structure, solvent and solution pH on the visible spectra of some new methine cyanine dyes

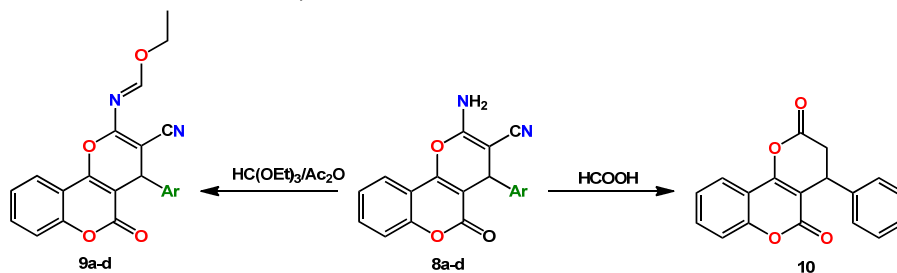
Hassan Abazied Shindy, Mohamed Abdalla El-Maghraby and Fayez Mohamed Eissa



European Journal of Chemistry 5 (3) (2014) 457-462

Synthesis of new 3,4-dihydropyrano[c]chromene derivatives and their evaluation as acetyl cholinesterase inhibitors

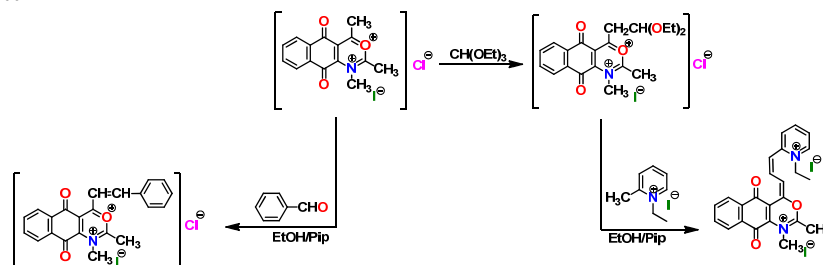
Younes Bouazizi, Anis Romdhane and Hichem Ben Jannet



European Journal of Chemistry 5 (3) (2014) 463-468

Oxonium heterocyclic quinone in the synthesis of some cyanine dyes and their antimicrobial activity

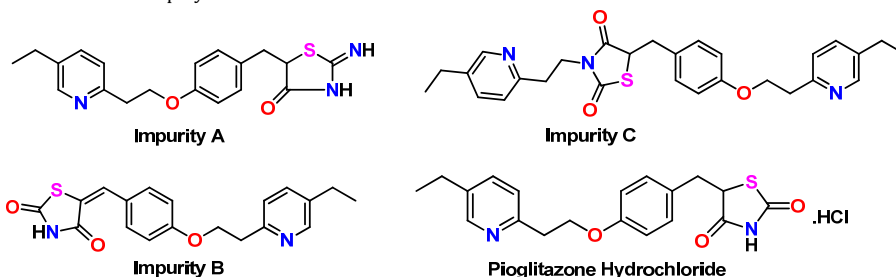
Maha Mobaruk Gomaa



European Journal of Chemistry 5 (3) (2014) 469-474

Development and validation of a new RP-HPLC method for the determination of process related impurities in pioglitazone hydrochloride

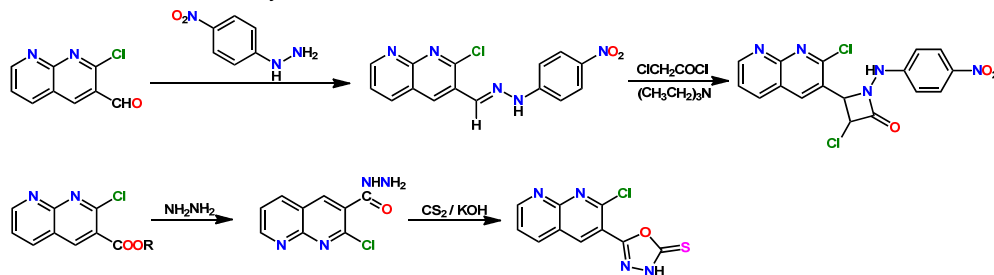
Venkata Raj Kumar Prava and Ganapaty Seru



European Journal of Chemistry 5 (3) (2014) 475-480

Synthesis of new derivatives of 2-chloro-3-formyl-1,8-naphthyridine

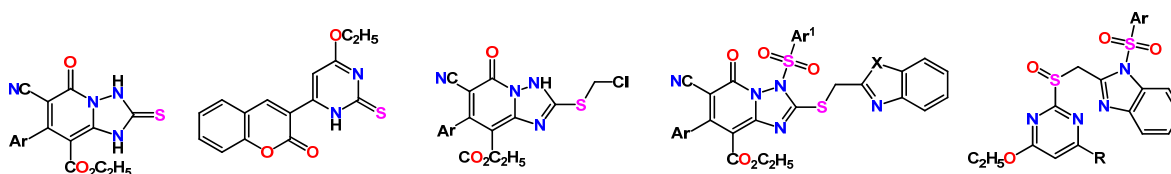
Mohanad Yakhdan Saleh and Ala Ismael Ayoub



European Journal of Chemistry 5 (3) (2014) 481-487

Synthesis and antimicrobial evaluation of some 1,2,4-triazolo[1,5-a]pyridine, pyrimidine sulfonamides and sulfinyl derivatives

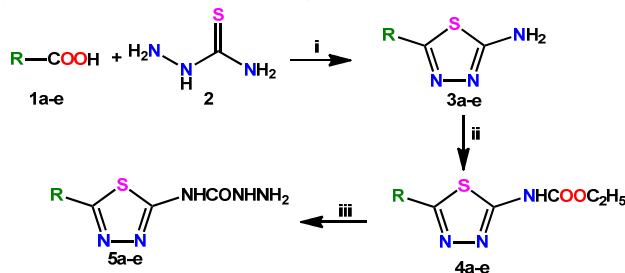
Fatma Fakhry Abdel-Motaal and Mohamed Abd-Elmonem Raslan



European Journal of Chemistry 5 (3) (2014) 488-496

Design, synthesis, and biological profile of novel N-(5-aryl-1,3,4-thiadiazol-2-yl) hydrazinecarboxamides

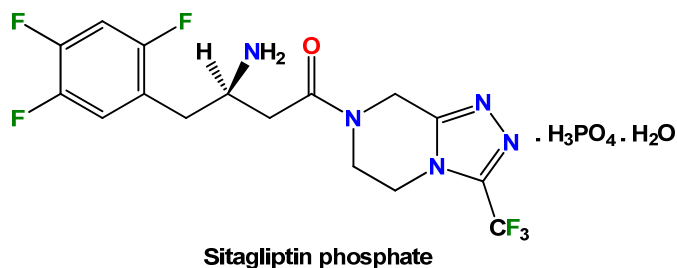
Mohammed Farrag El-Behairy, Mohamed Nabil Aboul-Enein, Aida Abdel-Sattar El-Azzouny, Ola Ahmed Saleh, Yousreya Aly Maklad, Mona Elsayed Aboutabl and Amany Sayed Maghraby



European Journal of Chemistry 5 (3) (2014) 497-502

A validated stability indicating HPLC method for determination of sitagliptin

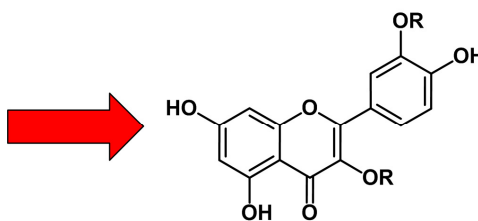
Ola Ahmed Saleh, Aida Abd El-Sattar El-Azzouny, Hassan Youssef Aboul-Enein and Amr Mohamed Badawey



European Journal of Chemistry 5 (3) (2014) 503-506

Chemical constituents and cytotoxic activities of the extracts of *Melilotus indicus*

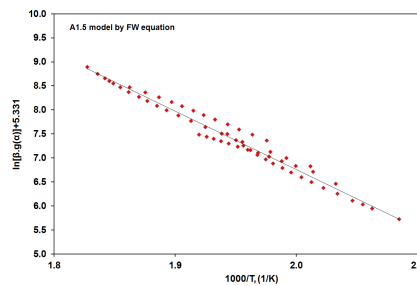
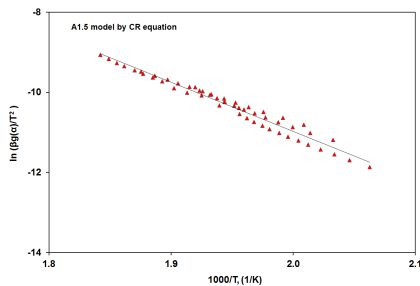
Sayed Abdel Kader Ahmed and Mahmoud Al-Refai



European Journal of Chemistry 5 (3) (2014) 507-512

The kinetic analysis of non-isothermal carisoprodol reaction in nitrogen atmosphere using the invariant kinetic parameters method

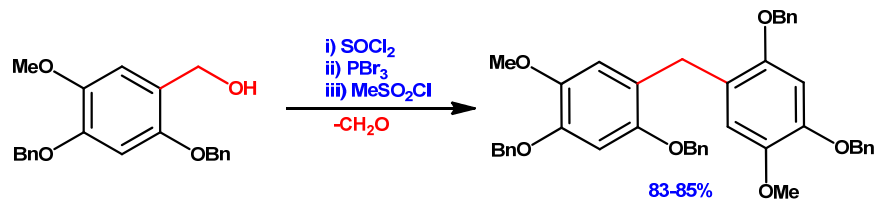
Laila Tosson Kamel



European Journal of Chemistry 5 (3) (2014) 513-516

A study of coupling reaction to synthesize diphenylmethane derivatives

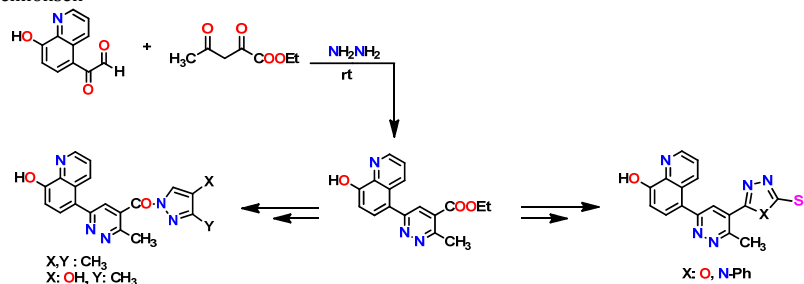
Huma Aslam Bhatti, Qurat-UI-Ain Zaheer, Memoona Khatoun, Mark Edward Light and Abdul Hameed



European Journal of Chemistry 5 (3) (2014) 517-525

A convenient synthesis and preparation of the derivatives of ethyl-6-(8-hydroxyquinolin-5-yl)-3-methylpyridazine-4-carboxylate as antimicrobial agents

Shawkat Ahmed Abdelmohsen



European Journal of Chemistry 5 (3) (2014) 526-528

The effect of increased levels of lead in serum on several antioxidants parameters assed among workers from a large private electrical generator company

Wesen Adel Mehdi and Atheer Awad Mehde

The biochemical parameters in fifty large private electrical generators workers (Group A) and 40 normal men (Group B).

Characteristic	Group A (n = 50)	Group B (n = 40)	p value
S. Lead (µg/dL)	15.75±0.90	3.39±0.05	<0.001
R.S.G. (mmol/L)	4.33±0.85	4.52±0.52	>0.05
S. Protein (g/dL)	7.00±1.09	7.85±0.92	<0.05
MDA (nmol/mL)	3.06±0.39	1.46±0.23	<0.05
S. TAA (mmol/L)	0.93±0.19	1.83±0.40	<0.001
AOPP (ng/dL)	108.11±38.21	60.23±19.09	<0.001
Vitamin C (mg/dL)	1.48±0.17	2.21±0.28	<0.01
GSH (mg/dL)	34.22±6.14	62.815±9.33	<0.001

European Journal of Chemistry 5 (3) (2014) 529-531

Investigate the level of IL-8 in patients with diabetes mellitus and its relation with lipid profile and the incidence of atherosclerosis

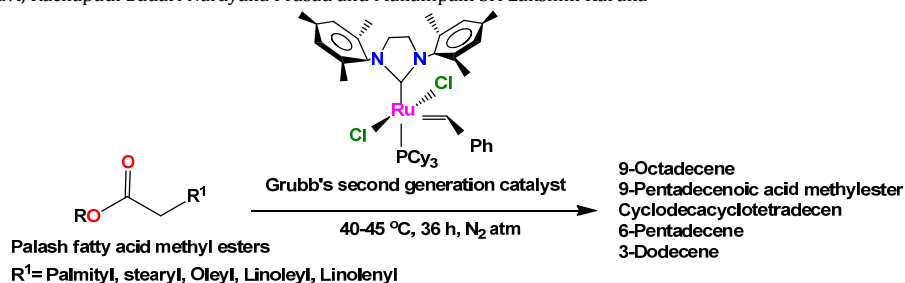
Ammal Esmaeel Ibrahim



European Journal of Chemistry 5 (3) (2014) 532-535

Synthesis of industrially important platform chemicals via olefin metathesis of palash fatty acid methyl esters

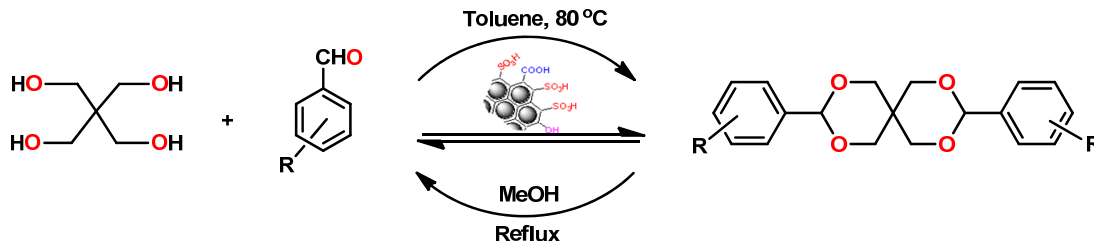
Yelchuri Vyshnavi, Rachapudi Badari Narayana Prasad and Mallampalli Sri Lakshmi Karuna



European Journal of Chemistry 5 (3) (2014) 536-540

Glycerol-based SO₃H-Carbon Catalyst: A green recyclable catalyst for the chemoselective synthesis of pentaerythritol diacetals

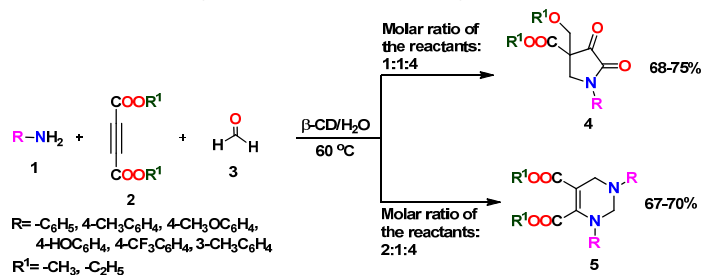
Chandrakala Ummadisetti, Badari Narayana Prasad Rachapudi and Lakshmi Anu Prabhavathi Devi Bethala



European Journal of Chemistry 5 (3) (2014) 541-544

Aqueous phase synthesis of polysubstituted pyrimidines/pyrrolidines catalyzed by β -cyclodextrin

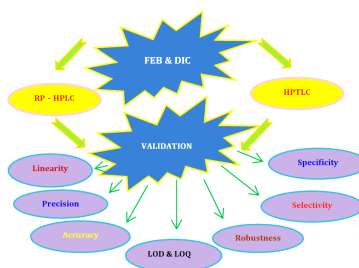
Jilla Shankar, Gaddam Satish, Katla Ramesh and Nageswar Yadavalli Venkata Durga



European Journal of Chemistry 5 (3) (2014) 545-549

Validated RP-HPLC and HPTLC methods for simultaneous estimation of febusostat and diclofenac sodium in pharmaceutical dosage form

Ponnuveetil Gopi Sunitha and Kaliappan Ilango



European Journal of Chemistry 5 (3) (2014) 550-556

Synthesis and antitubercular evaluation of 2-iminothiazolidine-4-ones

Ganesh Samala, Chunduri Madhuri, Jonnalagadda Padma Sridevi, Radhika Nallangi, Yogeewari Perumal, and Sriram Dharmarajan

