

# European Journal of Chemistry

An International Open Access Journal

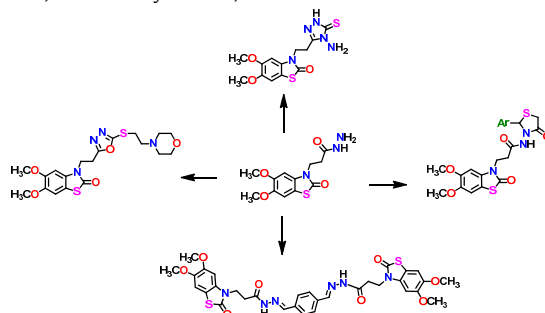
## Graphical Contents

Volume 6, Issue 2, 30 June 2015

European Journal of Chemistry 6 (2) (2015) 98-106

### Synthesis, reactions and antimicrobial activity of benzothiazoles

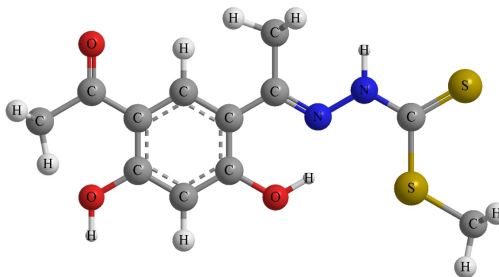
Eman Mostafa Abbas, Marwa Saied Salem, Asmaa Fathy Kassem, Sherein Ismail Abd El-Moez and Mohamed Youssef El-Kady



European Journal of Chemistry 6 (2) (2015) 107-116

### Synthesis, spectroscopic, thermal and anti-microbial studies of transition metal complexes of hydrazone derived from 4,6-diacetylresorcinol and S-methyldithiocarbamate

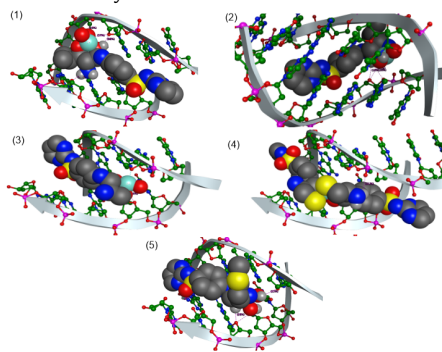
Adel Abbas Ahmed Emara, Ali Mahmoud Taha, Mahmood Mohamed Mashaly and Omima Mohamed Ibrahim Adly



European Journal of Chemistry 6 (2) (2015) 117-126

### Synthesis, characterization, DNA-binding and biological activity of Zn(II) complexes of sulfadiazine with different amino acids

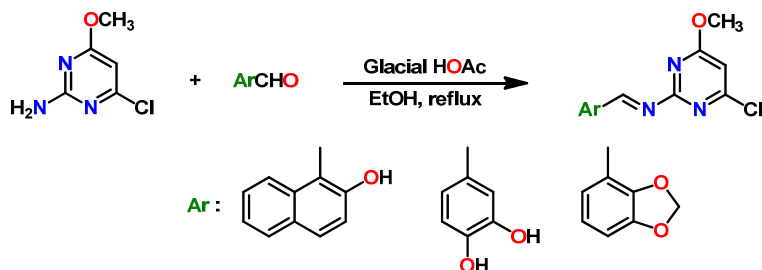
Ahmed Abdelmonem El-Henawy and Ahmed Imam Hanafy



European Journal of Chemistry 6 (2) (2015) 127-130

### Synthesis, antimicrobial activity and molecular modeling study of some new pyrimidine derivatives

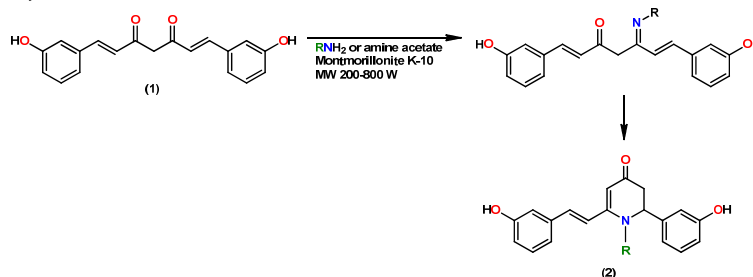
Wasfi Abood Al-Masoudi, Abeer Laily Mohmmmed, Wamedh Hashim Abass, and Najim About Al-Masoudi



European Journal of Chemistry 6 (2) (2015) 131-134

### Microwave assisted synthesis of new curcumin analogues conjugated dihydro-4-pyridones

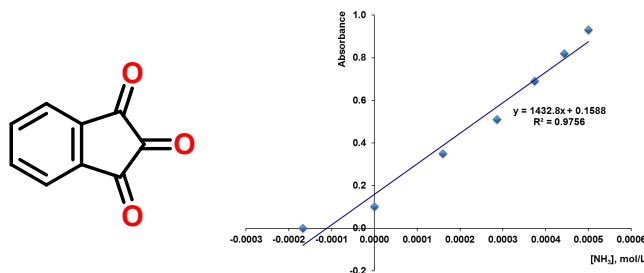
Maitham Najim About, Bahjat Ali Saeed and Rita Sabah Elias



European Journal of Chemistry 6 (2) (2015) 135-140

### Spectrophotometric determination of ammonia using ninhydrin assay and kinetic studies

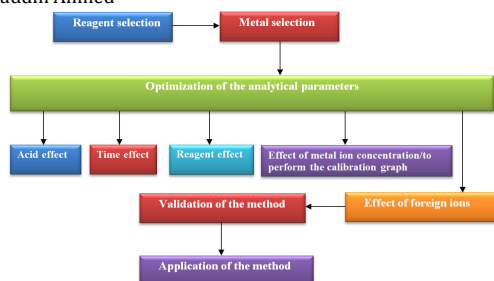
Hutaf Mustafa Baker and Khairieh Fadi Alzboon



European Journal of Chemistry 6 (2) (2015) 141-150

### Highly sensitive spectrophotometric method for the determination of vanadium in environmental, biological, food and soil samples using orthoaminophenol

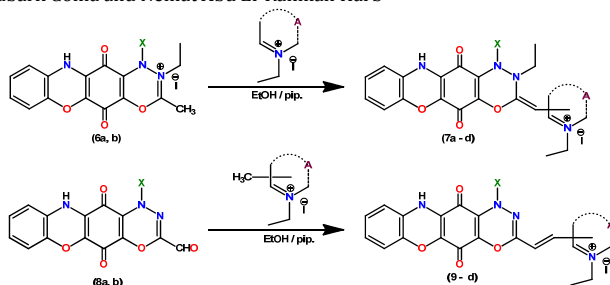
Tasnima Zannat and Mohammad Jamaluddin Ahmed



*European Journal of Chemistry 6 (2) (2015) 151-156*

### Synthesis, spectral behavior and biological activity of some novel 1,3,4-oxadiazine cyanine dyes

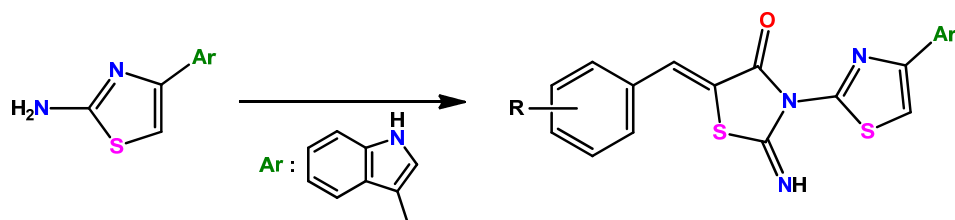
Hassan Abazied Shindy, Maha Mubark Goma and Nemat Abd El-Rahman Harb



*European Journal of Chemistry 6 (2) (2015) 157-162*

### Design, synthesis, antimicrobial activity and anticancer screening of some new 1,3-thiazolidin-4-ones derivatives

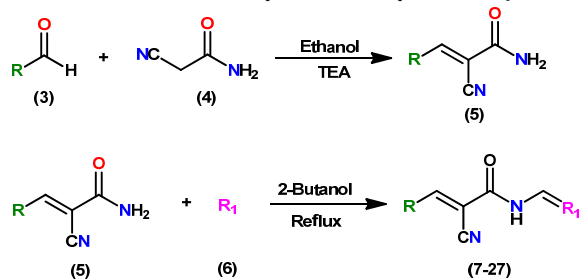
Wesam Saber Shehab and Samar Mohamed Mouneir



*European Journal of Chemistry 6 (2) (2015) 163-168*

### Synthesis of novel cyanoacetamides derivatives and their urease inhibition studies

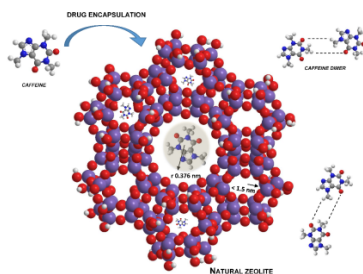
Abdul Rauf, Khalil Ahmed Nazish, Faiz-ul Hassan Nasim, Asma Yaqoob and Ashfaq Mahmood Qureshi



*European Journal of Chemistry 6 (2) (2015) 169-173*

### Study on the host-guest interactions during caffeine encapsulation into zeolite

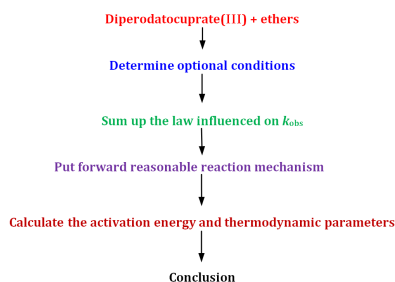
Zvezdelina Lyubenova Yaneva, Manuela Stoyanova Staleva and Nedyalka Valkanova Georgieva



European Journal of Chemistry 6 (2) (2015) 174-177

### Oxidation of butylamine and isobutylamine by diperodotocuprate(III) in alkaline medium - A kinetic and mechanistic study

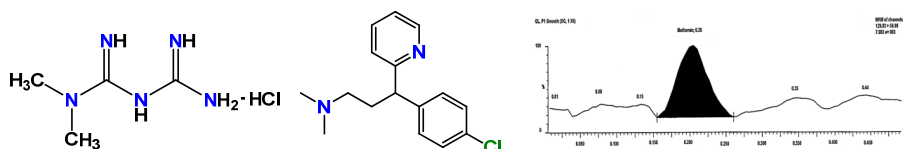
Jinhuan Shan and Qianqian Wang



European Journal of Chemistry 6 (2) (2015) 178-182

### Determination of metformin hydrochloride in human plasma by UPLC/ MS/MS: Application in bioequivalence study

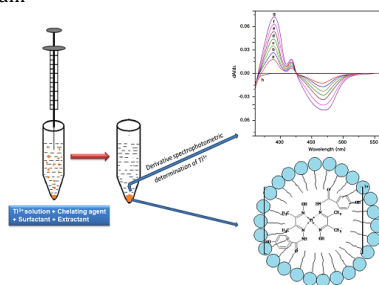
Samah Abd Elsabour Mohammed, Mohammed El-Dardiri, Mona Ahmed Elhabak and Khaled Ibrahim Abu Zaid



European Journal of Chemistry 6 (2) (2015) 183-188

### Determination of thallium in environmental samples by surfactant assisted dispersive liquid-liquid microextraction combined with first order derivative spectrophotometry

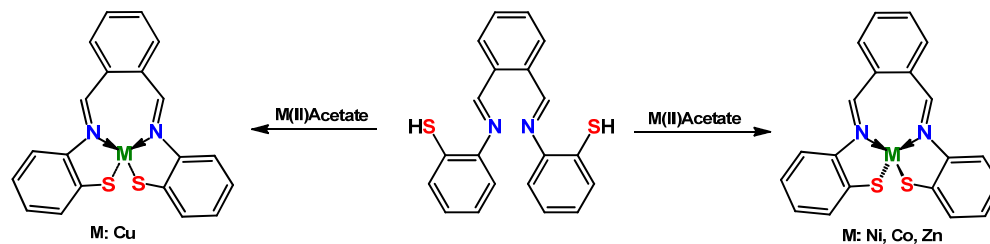
Louis George, Anitha Varghese and Aatika Nizam



European Journal of Chemistry 6 (2) (2015) 189-198

### Synthesis, spectral characterization, antimicrobial, DNA binding and antioxidant studies of Co(II), Ni(II), Cu(II) and Zn(II) metal complexes of novel thiosalen analog N<sub>2</sub>S<sub>2</sub>

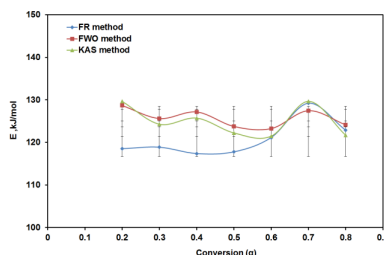
Sabry Hamed Seda and Ayman Ahmed Abdel Aziz



European Journal of Chemistry 6 (2) (2015) 199-203

**Non-isothermal decomposition kinetics of theobromine in nitrogen atmosphere**

Laila Tosson Kamel

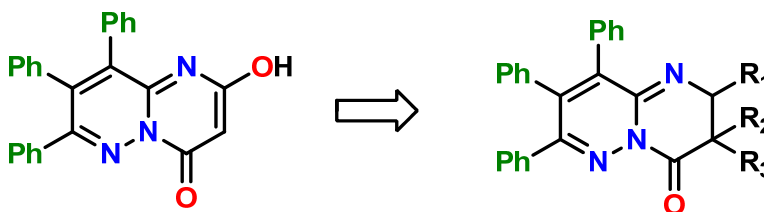


The relationship between activation energy, E, and conversion,  $\alpha$ .

European Journal of Chemistry 6 (2) (2015) 204-210

**Pyridazine and its related compounds: Part 38. Pyrimido[1,2-b]pyridazinone, synthesis and some reactions**

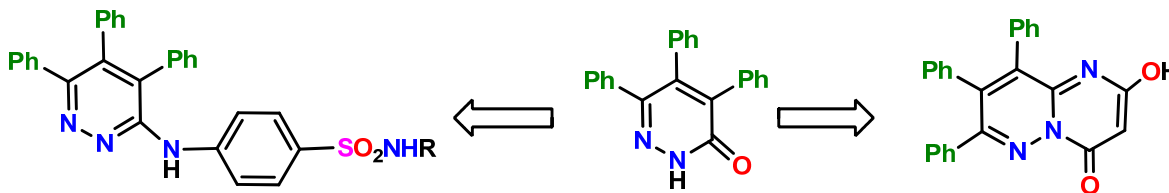
Ali Abdel Hamid Deeb, Fatma Abdel Rahman El-Mariah and Heba Kamal Abd El-Mawgoud



European Journal of Chemistry 6 (2) (2015) 211-218

**Pyridazine and its related compounds: Part 32. Synthesis and antimicrobial evaluation of some 3-substituted amino-4,5,6-triphenylpyridazine derivatives**

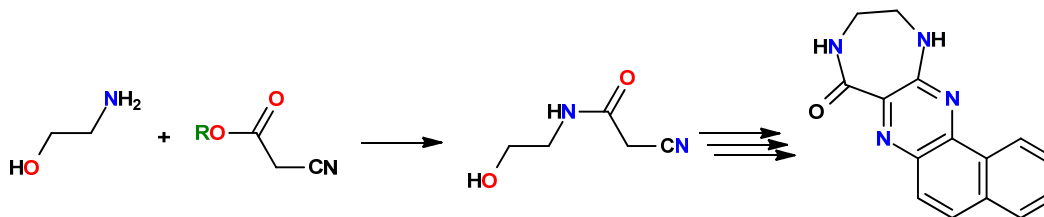
Ali Abdel Hamid Deeb, Fatma Abdel Rahman El-Mariah and Heba Kamal Abd El-Mawgoud



European Journal of Chemistry 6 (2) (2015) 219-224

**Utility of 2-cyano-N-(2-hydroxyethyl) acetamide in heterocyclic synthesis**

Moustafa Ahmed Gouda, Meshal Abdulrahim Sabah, Waled Khaled Aljuhani, Ahmed Saleh El-Gahani, Snad Abd El-Karem El-Enazi, Salem Atalleh Al Enizi and Majed Musallam Al-Balawi



---

European Journal of Chemistry 6 (2) (2015) 225-236

**Activation parameter changes as a mechanistic tool in  $S_N^2$  reactions in solution**

Vladislav Mikhailovich Vlasov

