

# European Journal of Chemistry

An International Open Access Journal

## Graphical Contents

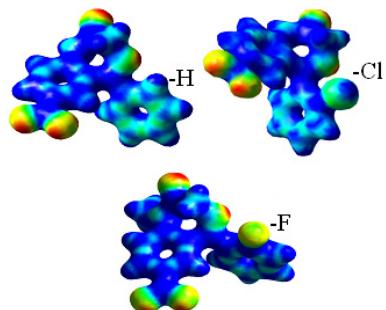
Volume 2, Issue 1, 31 March 2011

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### Structural and electronic effects of the C2' substituent in 1,4-benzodiazepines

Lígia Rebelo Gomes, Luís Manuel Neves Belchior Faia Santos, José Beleza and John Nicolson Low

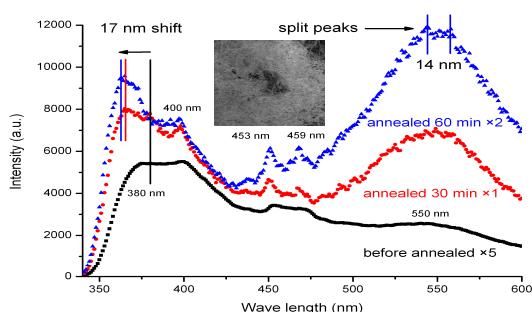


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### Study on the annealing-dependent photoluminescence properties of SnO<sub>2</sub> cluster-system structures

Yunqing Zhu, Yiqing Chen and Xinhua Zhang

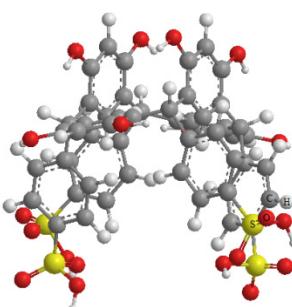


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### Modeling of cation diffusion in bifunctional polymers based on *cis*-tetraphenylcalix[4]resorcinarene

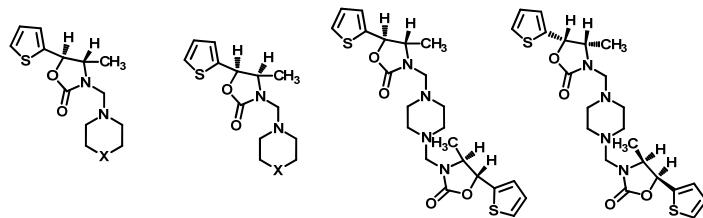
Heinrich Altshuler and Olga Altshuler



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**Synthesis, configuration and properties of some new 3,4,5-substituted oxazolidin-2-ones**

Anelia Tsenova Mavrova, Pavletta Stoyanova Denkova and Jordan Andreev Tsenov

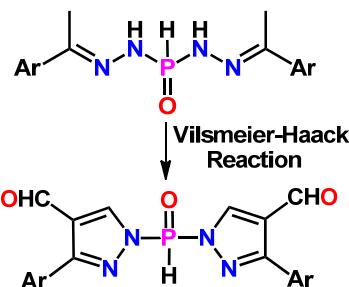


Novel 3,4,5-trisubstituted-oxazolidin-2-ones were synthesized via Mannich reaction and their physicochemical properties were determined through NMR and computations methods.

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**Synthesis and antimicrobial activities of some novel bis-pyrazole derivatives containing a hydrophosphoryl unit**

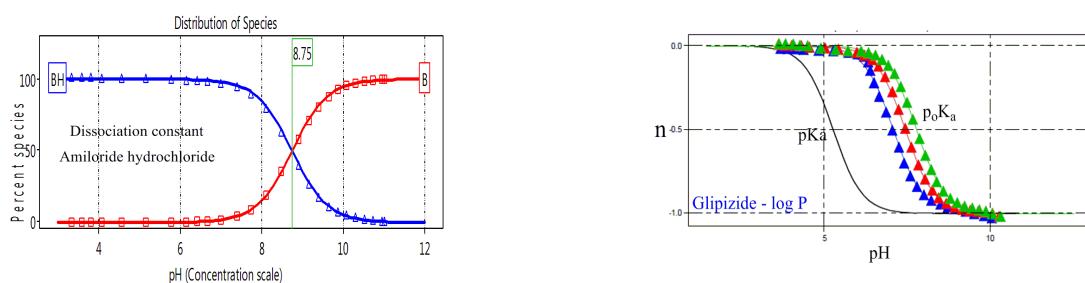
Salah Abdel-Ghaffar Abdel-Aziz, Tarik El-Sayed Ali, Kamilia Mohamed El-Mahdy and Somaia MohamedAbdel-Karim



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**Physico-chemical characterization of some beta blockers and anti-diabetic drugs - potentiometric and spectrophotometric pKa determination in different co-solvents**

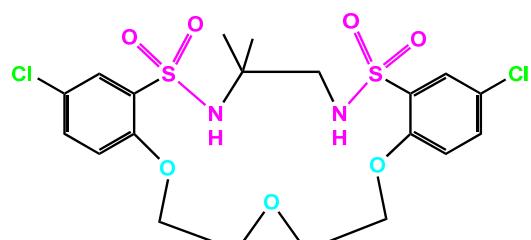
Lakshmi Narasimham and Vasant Dnyandeo Barhate



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**Synthesis and antimicrobial activity of some new macrocyclic bis-sulfonamide and disulfides**

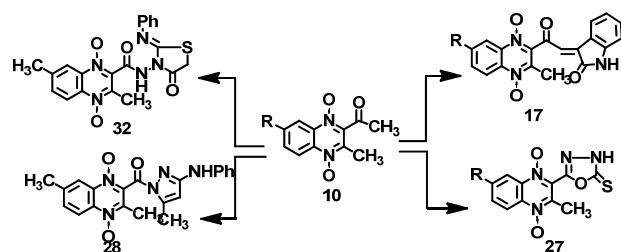
Hossein Eshghi, Mohammad Rahimizadeh, Mahmood Zokaei, Shaghayegh Eshghi, Shohreh Eshghi, Zinab Faghihi, Elaheh Tabasi and Mehdi Kihanyan



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**Studies with aza-heterocyclic N-oxides: Synthesis of some new aromatic N-oxide derivatives**

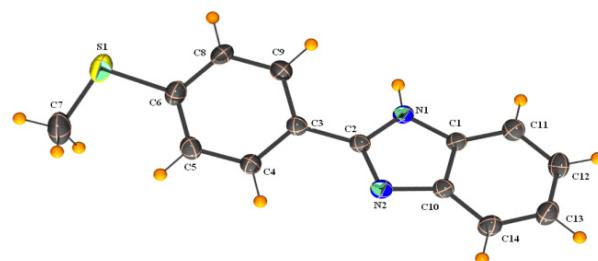
Ahmed Ali Fadda, Fathy Mohamed Abdelrazek and Ahmed Mahmoud Fouada



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**Synthesis, characterization and crystal structure of 2-(4-(methylthio)phenyl)-1*H*-benzo[*d*]imidazole**

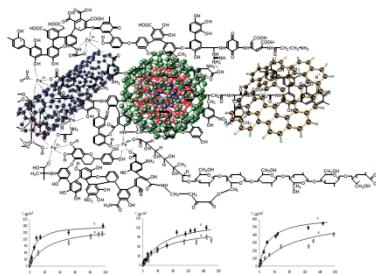
Mohamed Ziaulla, Maralavadi Nagaraju Manjunatha, Kuder Rajendraswamy Nagasundara and Noor Shahina Begum



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**Tritium label in studying sorption of humic substances by carbon-based nanomaterials**

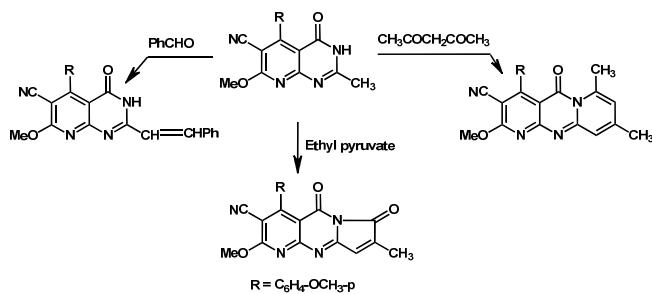
Maria Chernysheva and Gennadii Badun



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**Synthesis and antifungal activity of some new pyrido[2,3-*d*]pyrimidines**

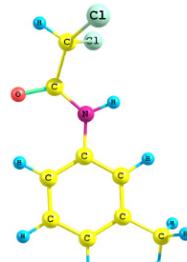
Fatin Ismail Hanafy



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## Synthesis, FT-IR, FT-Raman and quantum chemical investigations of *N*-(3-methylphenyl)-2,2-dichloroacetamide

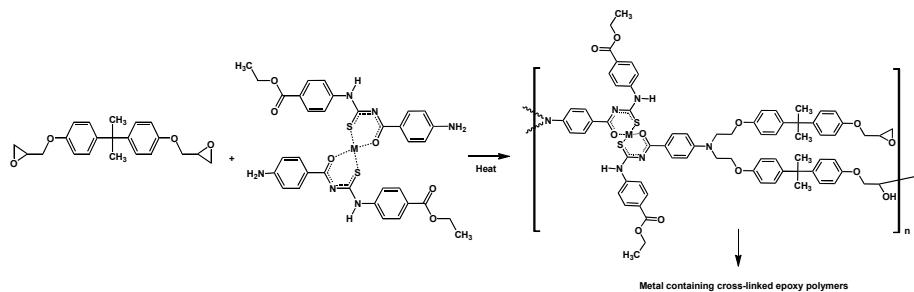
Velu Arjunan, Thiruvengadam Rani, Chithathoor Venugopal Mythili and Sriramulu Mohan



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## Thermomechanical studies of thermally stable metal-containing epoxy polymers from diglycidyl ether of bisphenol A and amino-thiourea metal complexes

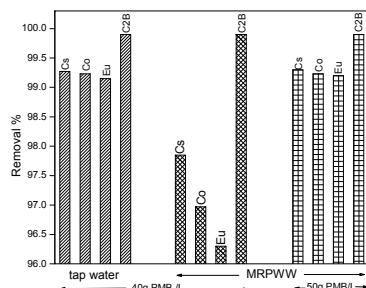
Sohail Saeed, Naghma Rashid, Peter Jones and Rizwan Hussain



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## **Simultaneous removal of chromotrope 2B and radionuclides from mixed radioactive process wastewater using organo-bentonite**

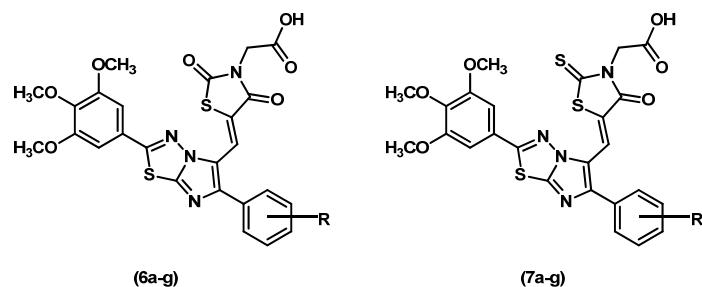
Kamal Shakir, Hussein Fouad Ghoneimy, Ibtisam Tadros Hennawy, Ahmed Fauzy Elkafrawy, Shokry Gad Elrab Beheir and Mamdoh Refaat



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## Synthesis, characterization and antimicrobial activity evaluation of new imidazo [2,1-*b*][1,3,4]thiadiazole derivatives

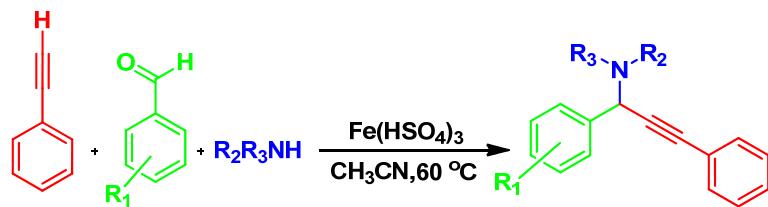
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**One-pot multicomponent route to propargylamines using ferric hydrogensulfate**

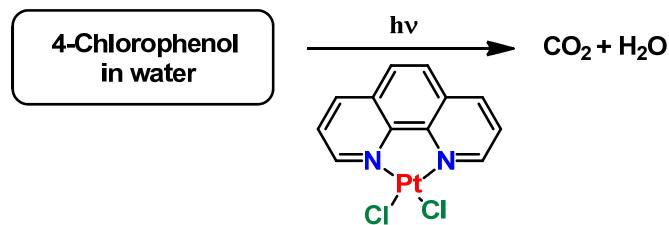
Hossein Eshghi, Gholam Hossein Zohuri and Saman Damavandi



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**Platinum 1,10-phenanthroline: Photosensitizer for photocatalytic degradation of 4-chlorophenol**

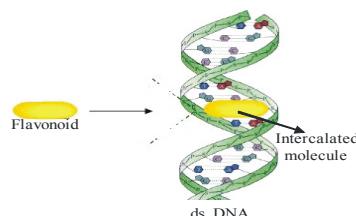
Ahmed Kadry Aboul-Gheit, Sahar Moustafa Ahmed, Doaa Samir El-Desouki, Samira Mohamed Abdel-Azeem and Mohamed Fathy El-Shahat



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**Voltammetric and viscometric studies of flavonoids interactions with DNA at physiological conditions**

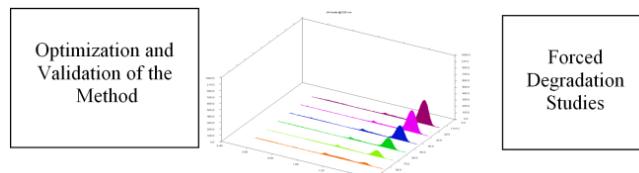
Syed Tajammul Hussain and Asima Siddiqa



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**Stability indicating HPTLC method for quantitative estimation of manidipine sihydrochloride API**

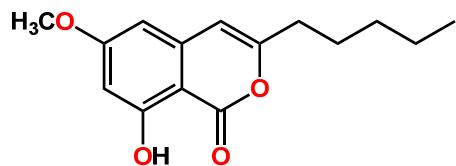
Santhana Lakshmi Karunanidhi, Lakshmi Sivasubramanian and Manikandan Krishnan



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**Synthesis of 8-hydroxy-6-methoxy-3-pentyl-1*H*-isochromen-1-one from *Tessmannia densiflora***

Aamer Saeed



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**Thin-layer cyclic voltammetric studies electron transfer across liquid/liquid interface**

Xiao Quan Lu, Lingping Zhang, Ping Sun and Dongna Yao

