

Iranian Journal of Organic Chemistry

Iran JOC Vol. 13, No. 3, 2021

Contents

Graphical Abstracts

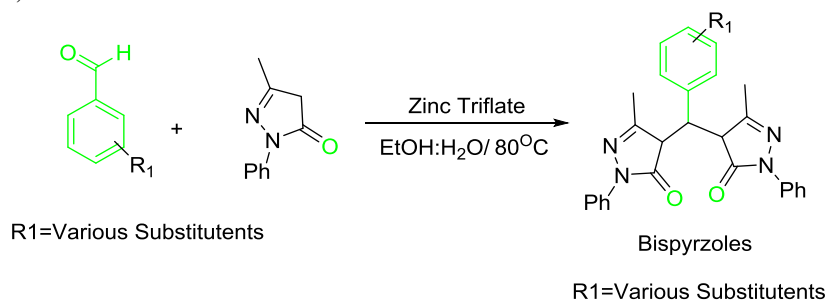
Zinc Triflate induced synthesis of BisPyrazole derivatives

pp 3133-3137

Srinivas N. Nakkalwar^a, Sulakshana B. Patil^b, Nishikant K. Kaminwar^b, Maya V. Kataria^b, Shivai B. Patwari^a, Vivekanand B. Jadhav^{b*}

^aDepartment of Chemistry, Lal Bahaur Shastri College, Dharmabad, Tq.-Dharmabad, Dist.-Nanded, Pin-431 109, Maharashtra,, India.

^bDepartment of Chemistry, Shri Muktanand College, Gangapur, Dist.-Aurangabad, Pin-431 109, Maharashtra, India.



Synthesis and characterization of a new poly (Lactic Acid)/ copper oxide/ tranexamic acid nanofibrous nanocomposite as an effective textile for wound healing process

pp 3139-3148

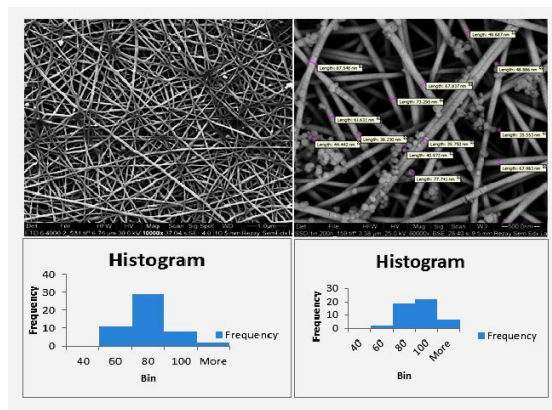
Samira Molapour Rashedi^a, Ramin khajavi^{b,*}, Abosaeed Rashidi^a, Mohammad Karim Rahimi^c, Abbas Bahador^d

^aDepartment of Textile Engineering, Science and Research Branch, Islamic Azad University, Tehran, Iran

^bDepartment of Polymer and Textile Engineering, South Tehran Branch, Islamic Azad University, Tehran, Iran

^cDepartment of Microbiology, Tehran Medical Science Branch, Islamic Azad University, Tehran, Iran

^dDepartment of Medical Microbiology, School of Medicine, Tehran University of Medical Sciences, Tehran, Iran



β -Cyclodextrin based mesoporous silica as eco-friendly phase transfer catalyst in synthesis of Pyran Derivatives

pp 3149-3159

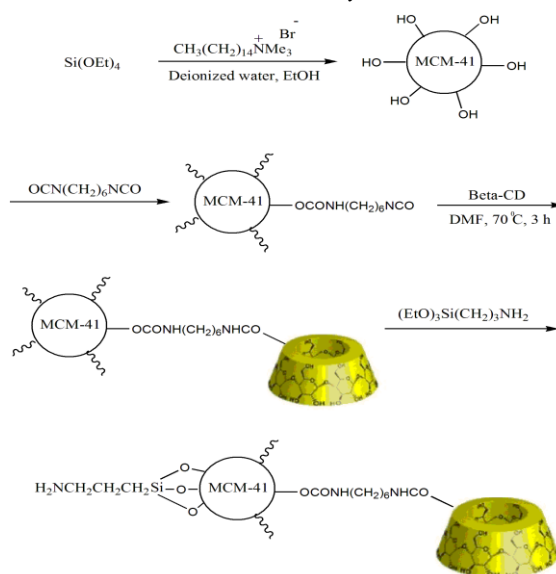
Fatemeh Ghalambaz^{*a}, Asadollah Farhadi^b, Ali Reza Kiasat^c, Rashid Badri^d

^aDepartment of Chemistry, Khouzesan Science and Research Branch, Islamic Azad University, Ahvaz, Iran and Department of chemistry, Ahvaz Branch, Islamic Azad University, Ahvaz, Iran.

^bPetroleum University of Technology, Faculty of Science, Ahvaz, Iran, 61981-44471.

^cChemistry Department, College of Science, Shahid Chamran University of Ahvaz, Ahvaz, Iran, 61357-4-3169.

^dDepartment of chemistry, Ahvaz Branch, Islamic Azad University, Ahvaz, Iran.



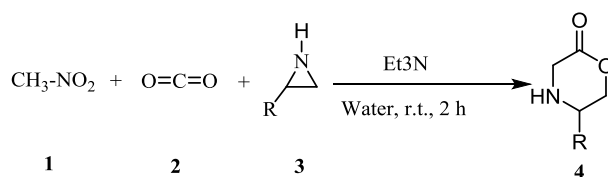
Green synthesis of morpholin-2-one using dicarbonyl monoxide and aziridins

pp 3161-3164

Seyyed Jalal Shams Najafi^{*a}, Samira Nasiri^b and Marym Koochi^b

^aDepartment of Chemistry, Faculty of Sciences, Ferdowsi University of Mashhad, Mashhad 91779-1436, I.R. Iran

^bDepartment of Chemistry, tarbiat Modares university, Tehran, Iran.



A multicomponent one-pot synthesis of thiazole derivatives under solvent free conditions using Fe₃O₄/ZnO nanocatalyst

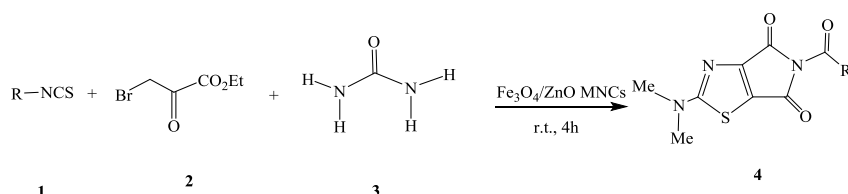
pp 3165-3172

Samaneh Sadat Sharifi^{*a}, Mahboubeh Ghasemian Dazmiri^b, Narges Ghasemi^c

^aDepartment of Chemistry, Faculty of Sciences, Sistan and Baluchestan University, Sistan and Baluchestan, Iran

^bDepartment of Chemistry, Mazandaran University, Babolsar, Iran

^cNational Petrochemical Company (NPC), petrochemical Research and Technology Company, Arak Center, Iran



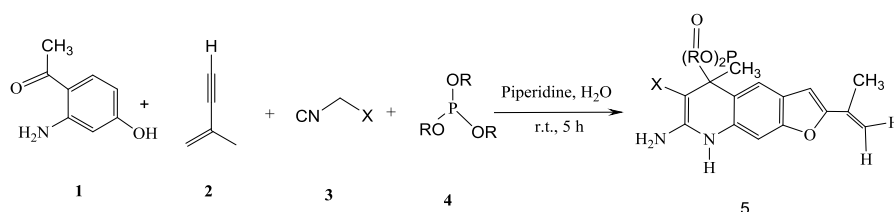
A simple and one-pot synthesis and investigation of biological activity of phosphonate derivatives

pp 3173-3178

Faramarz Rostami-charati^{*b} and Reza Akbari^b

^a Research Center for Conservation of Culture Relicst (RCCCR), Research institute of Cultural Heritage & Tourism, Tehran, Iran

^b Department of Chemistry, Gonbad Kavous University university, Gonbad, Iran

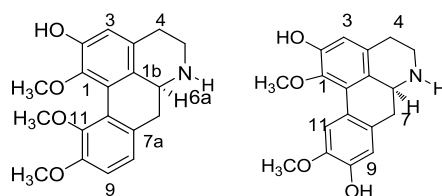


Isolation and characterization of alkaloids from Lindera Oxyphylla

pp 3179-3183

Masoumeh Hosseinzadeh^{*}

Department of Chemistry, Qaemshahr Branch, Islamic Azad University, Qaemshahr, Iran



Green synthesis of *N*-heterocyclic compounds using Diels-Alder reactions with electron deficient acetylenic compounds

Parvaneh Firoozi Khangah, Narjes Haerizadeh* and Majid Ghazanfarpour Darjani

Department of Chemistry, Tarbiat Modares University, Tehran, Iran

