

Iranian Journal of Organic Chemistry

Iran JOC Vol. 15, No. 4, 2023

Contents

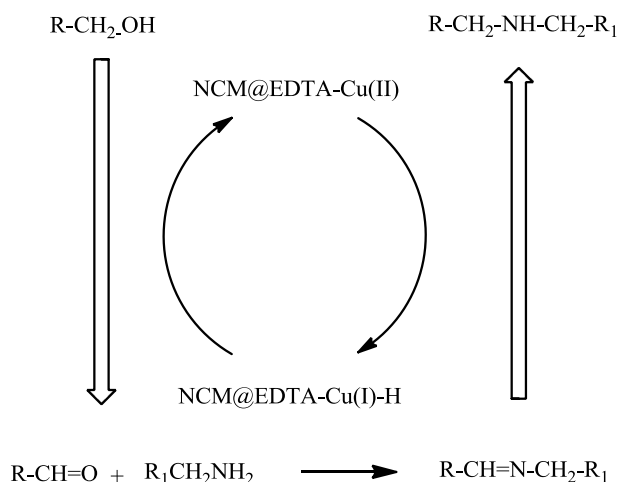
Graphical Abstracts

Synthesis of secondary amines via amination of alcohols with benzylamine using the magnetic nano-catalyst Fe₃O₄@SiO₂@CS@EDTA/Cu(II)

pp 3667-3673

Farzaneh Ebrahimzadeh,

Department of Chemistry, Marvdasht Branch, Islamic Azad University, Marvdasht, Iran.

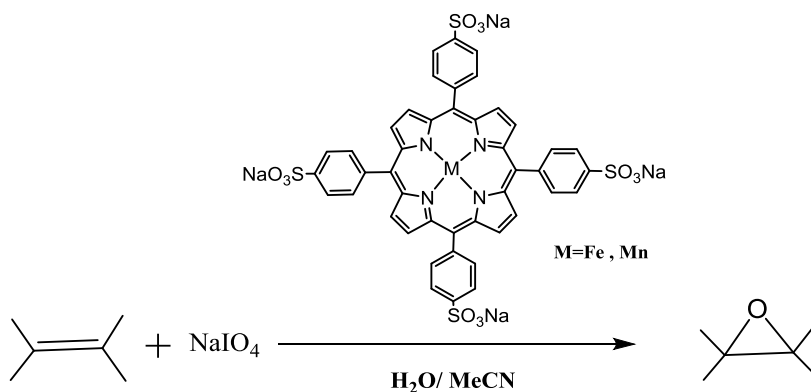


Epoxidation of alkene in water catalyzed by metalloporphyrin

pp 3675-3681

Parisa Rajabali Jamaat

Department of Chemistry, Faculty of Science, East Tehran Branch, Islamic Azad University, P.O. Box 1866113118 Tehran, Iran.



Efficient synthesis of new tetrazole-based sulfonamide derivatives: cytotoxicity and molecular docking studies on HT29 cancer cell line

pp 3683-3693

Zahra Sadeghi^a, Zohreh Mirjafary^{*a}, Hoda Abolhasani^{b,c}, Gholamreza Najafi^d, Fatameh Heidari^{b,e}

^a Department of Chemistry, Science and Research Branch, Islamic Azad University, Tehran, Iran

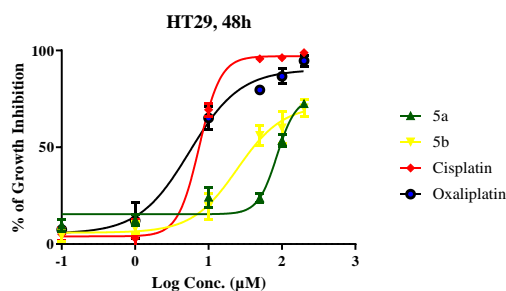
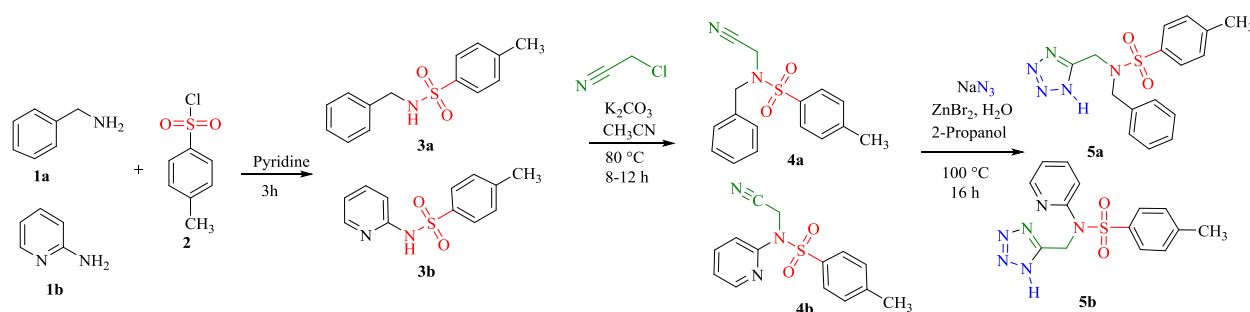
zmirjafary@srbiau.ac.ir

^b Cellular and molecular research center, Qom University of Medical Sciences, Qom, Iran

^c Department of physiology & Pharmacology, Faculty of Medicine, Qom University of Medical Sciences, Qom, Iran

^d Department of Chemistry, Qom Branch, Islamic Azad University, Qom, Iran

^e Department of Anatomy, Faculty of Medicine, Qom University of Medical Sciences, Qom, Iran



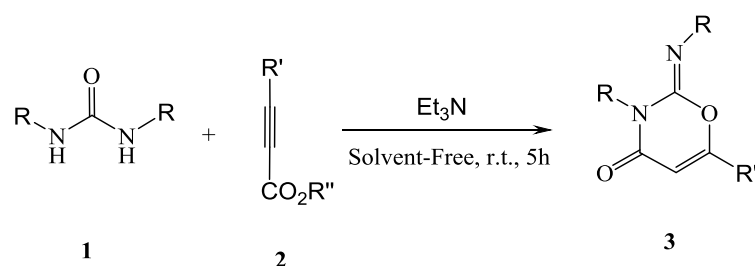
One-pot green synthesis of 1,3-oxazines using electron deficient acetylenic compounds

pp 3695-3698

Narges Ghasemi^{*a} and Narjes Haerizadeh^b

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

^b Department of Chemistry, Tarbiat Modares University, Tehran, Iran



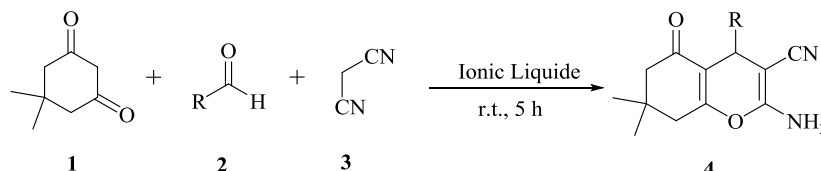
Ionic Liquid promoted green synthesis of pyran derivatives using MCRs

pp 3699-3704

Seyye Jalal Shams Najafi^{a*} and Maryam Ghazvini^b

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

^bChemistry Department, Payam Noor University, Tehran, Iran



One pot multi-component green synthesis of pyrazolotriazoles using malononitrile and efficient nanocatalyst

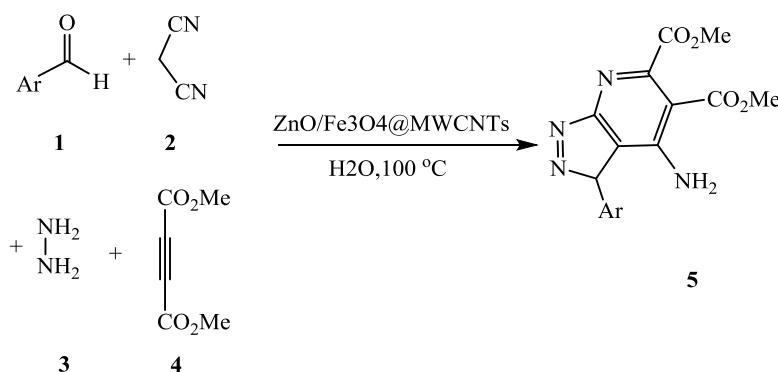
pp 3705-3709

Mahboubeh Ghasemian Dazmiri^{a*}, Samaneh Vaseghi^b and Maryam Kohi^c

^aDepartment of Chemistry, Faculty of Chemistry, University of Mazandaran, Babolsar, Iran.

^bDepartment of Chemistry, Science and Research Branch, Islamic Azad University, Tehran, Iran

^cDepartment of Chemistry, Tarbiat Modares University, Tehran, Iran



Green synthesis of imidazole derivatives using multicomponent reactions of ninhydrins

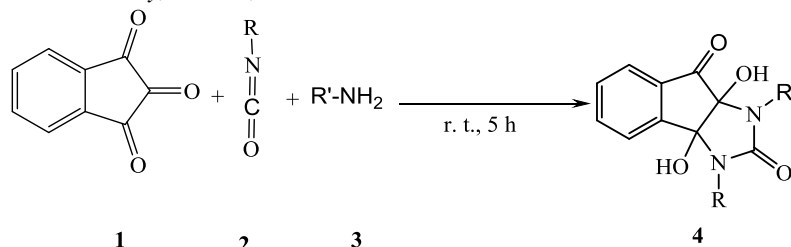
pp 3711-3714

Navisa Tabarsaei^a, Maryam Ghazvini^{*b} and Atefeh Navabi^c

^aDepartment of Chemistry, Faculty of Sciences, Golestan University, Gorgan, Iran

^bChemistry Department, Payam Noor University, Tehran, Iran

^cDepartment of Chemistry, Arak University, Tehran, Iran



Ako Mokhtarporiani^a, Anvar Mirzaee^{b,*} and Samira Nasiri^c

^aDepartment of Chemistry, Tarbiat Modares University, Tehran, Iran

^bChemistry Department, Kurdistan University, Kurdistan, Iran

^cDepartment of Chemistry, Tehran University, Tehran, Iran

