Iranian Journal of Organic Chemistry

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Graphical Abstracts

pp 665-668

Synthesis of tetrasubstituted N-alkoxypyrroles from reaction of α-oximino ketones, dialkylacetylendicarboxylates and trialkylphosphites via intramolecular Wittig reaction Ashraf Sadat Shahvelayati,*a Forogh Adhami, and Kambiz Larijanib

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$$R^{2}O_{2}C-C = C-CO_{2}R^{2} + (R^{3}O)_{3}P + R + R^{2}O_{2}C - C = C-CO_{2}R^{2} + (R^{3}O)_{3}P + R^{2}O_{2}C - C = C - CO_{2}R^{2} + (R^{3}O)_{2}P + (R^{3}O)_{2}P$$

6 Examples 79-88% Yield

A novel synthesis of highly substituted indole derivatives from the reaction of indole, aryl aldehydes and activated CH aides in the presence of ZnCl₂, CuCl₂ or AlCl₃

Manzarbanou Asnaashari Isfahani,* and Samira Hajiyan

Department of Chemistry, North Tehran Branch, Islamic Azad University, Tehran, Iran

R1=Me, OMe R2=Me, OMe R3=Me,NO₂

Synthesis and characterization of two new macroheterocycles prepared from the reaction of 2, 6-bis (chloromethyl) pyridine and thiodiglycol

Javad Rafiei, *a,c Abolghasem Moghimi, b and Parvin Baghaeec

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^cChemical Engineering Department, Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran

Screening of Lewis acids catalyzed amidation of benzylic alcohols

pp 681-683

Anvar Mirzaei

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Microwave-assisted acetylation of Eucalyptus camaldulensis Dehn cellulose

pp 685-688

Faramarz Rostami-Charati,* Farshid Faraji, Zinatossadat Hossaini, Farhad Mohammadi-Kanigolzar, Mohsen Miri, Teymoor Valadbeygi and Saman Ghaderiyan

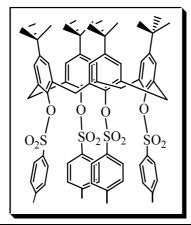
Department of Chemistry, Facualty of Science, Gonbad Kavous University, P.O.Box 163, Gonbad, Iran

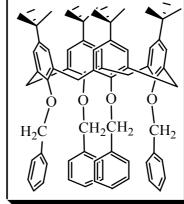
Cellulose—OH
$$+_{H_3C}$$
 O CH₃ DMF, pyridine $+_{H_3C}$ Cellulose—OH $+_{H_3C}$ OH $+_{H_3C}$ OH

Synthesis and characterization of aryl ether derivatives of p-tert-butyl calix[4] arenes as a capable receptors of Ag⁺ and Pb⁺² ions

pp 689-693

Shima Mozafari, Maryam Nouri, Keyvan Monokchian and Saeed Taghvaei Ganjali* Department of Chemistry, Islamic Azad University, North Tehran Branch, Tehran, Iran





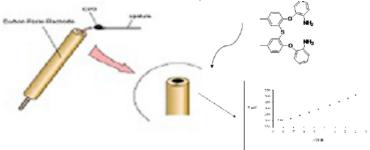
Efficient synthesis of 1,3-dihydro-2*H*-indole-2-one derivatives

pp 695-697

Rahimeh Hajinasiri, *a Zinatossadat Hossaini, *a Hassn Torshizi, *a Faramarz Rostami-Charati *b Department of Chemistry, Qaemshahr Branch, Islamic Azad University, Qaemshahr, Iran, P.O. Box 163 *b Department of Chemistry, Facualty of Science, Gonbad Kavous University, P.O.Box 163, Gonbad, Iran

Application of a new synthesized organic ligand as an ionophore in new nanocomposite carbon paste electrode and investigation its electrochemical interaction with Cd²⁺ and determination of nano level of this ion pp 699-705

Hamed Ghaedi, *a Ali Shirzadmehr, a Abolghasem Hashemi, and Hasan Bagheri Faculty of Engineering, Bushehr Branch, Islamic Azad University, Bushehr, Iran Department of Chemistry, Takestan Branch, Islamic Azad University, Takestan, Iran



An efficient solvent free selective bromination of ketones by H₂O₂-HBr

pp 707-711

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 $\frac{30\% \text{ aq. H}_2\text{O}_2 \, / \, 47\% \text{ aq.HBr}}{\text{LiCl(1equiv)},} \quad \text{α-Bromoketone}$