

European Journal of Chemistry

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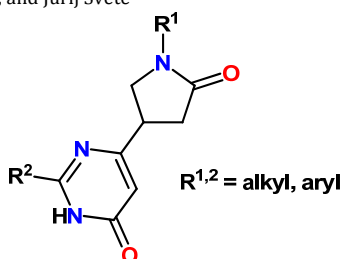
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Volume 4, Issue 1, 31 March 2013

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Synthesis of 2-substituted 6-(5-oxo-1-phenylpyrrolidin-3-yl)pyrimidin-4(3H)-ones

Uroš Grošelj, Georg Dahmann, Branko Stanovnik, and Jurij Svete

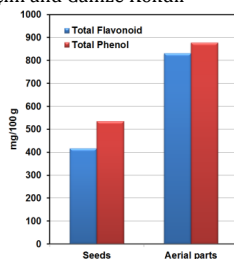


Cyclization of itaconic acid with primary amines followed by Masamune-Claisen condensation, and cyclization of β -keto esters with amidines provided 2-substituted 6-(5-oxo-1-phenylpyrrolidin-3-yl)pyrimidin-4(3H)-ones as novel 2-(heteroaryl)ethylamines.

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Composition and content of total phenolics and flavonoids, and antioxidant activity of *Trigonella isthmocarpa*

Şerife Selma Uras Güngör, Sevda Güzel Özay, Ahmet İlçim and Gamze Kökdil

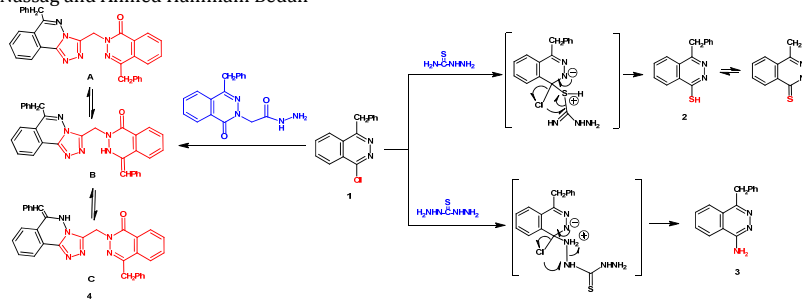


The highest total flavonoid and total phenolic content was determined in the extract of aerial parts (830.8 mg/100 g and 877.9 mg gallic acid equivalent/100 g, respectively).

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Synthesis, reactions and biological evaluation of benzyltriaazolophthalazine derivatives

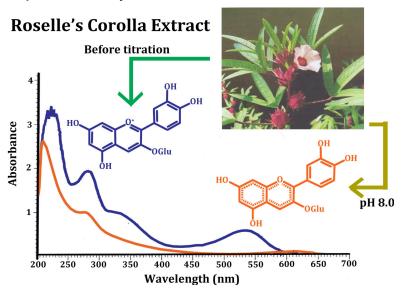
Ashraf Hassan Fekry Abd El-Wahab, Hany Mostafa Mohamed, Ahmed Mohamed El-Agrody, Mohamed Ahmed El-Nassag and Ahmed Hammam Bedair



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Corolla of Roselle (*Hibiscus sabdariffa* L.) as acid-base indicator

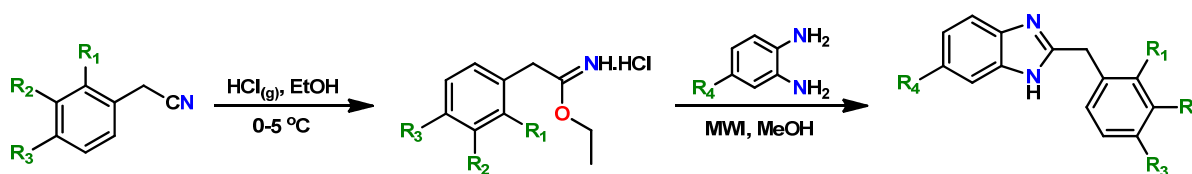
Siti Nuryanti, Sabirin Matsjeh, Chairil Anwar, Tri Joko Raharjo and Baharuddin Hamzah



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Microwave assisted synthesise of new some benzimidazole derivatives and determination of protonation constant of these compounds in non-aqueous media

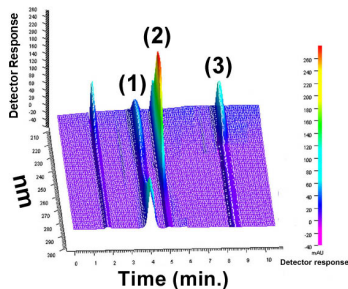
Emre Menteşe, Fatih İslamoğlu, Esra Bal and Bahittin Kahveci



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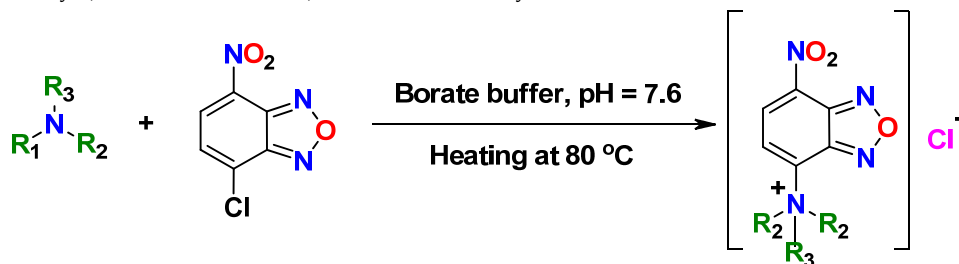
Ismail Salama and Mohamed Sayed Gomaa



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Application of 4-chloro-7-nitrobenzofurazan for the analysis of propafenone and diltiazem hydrochlorides using kinetic spectrophotometric and spectrofluorimetric methods

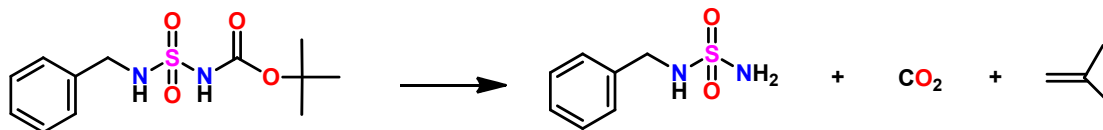
Magda Mohamed Ayad, Hisham Ezzat Abdellatef, Mervat Mohamed Hosny and Yassmin Ahmed Sharaf



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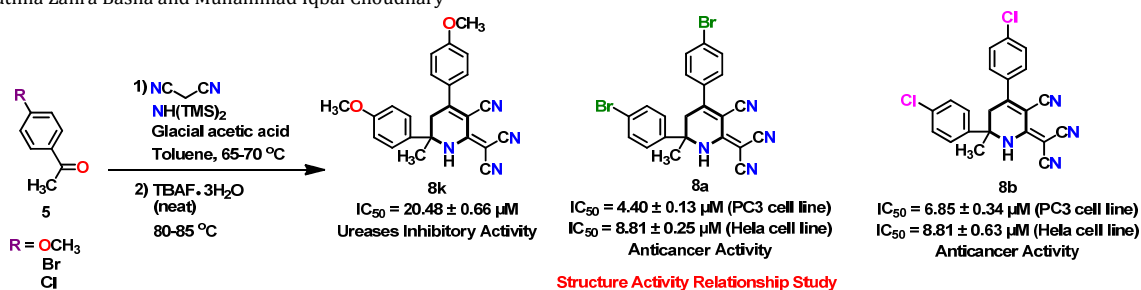
Luciana Gavernet, Maria Luisa Villalba, Luis Bruno Blanch and Ileana Daniela Lick



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Urease inhibition and anticancer activity of novel polyfunctional 5,6-dihydropyridine derivatives and their structure-activity relationship

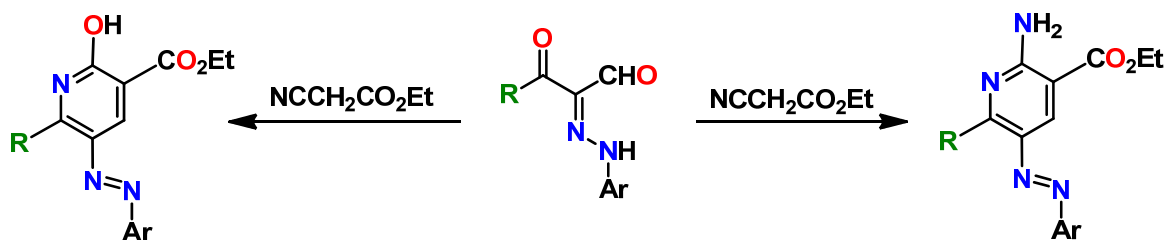
Abdul Hameed, Ayaz Anwar, Khalid Mohammed Khan, Rizwana Malik, Fernaz Shahab, Sadia Siddiq, Fatima Zahra Basha and Muhammad Iqbal Choudhary



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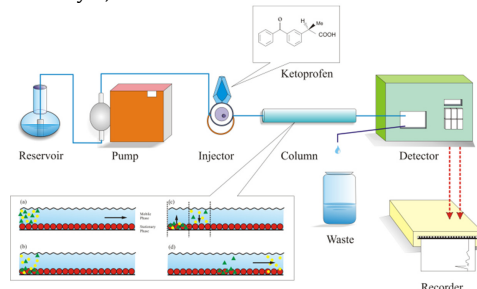
Abdulaziz Alnajjar, Marzouq Alsaiedi and Morsy Ahmed El-Apasery



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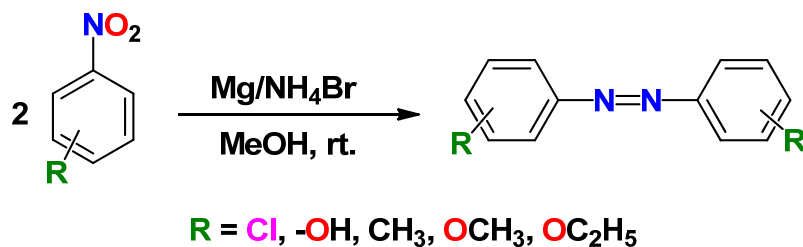
Validation of analysis method for determining ketoprofen concentration in pharmaceutical dosage form using high performance liquid chromatography

Tadjuddin Naid, Wahyu Rizandi Syukur, Amran Ilyas, Seniwati Dali and Baharuddin Hamzah

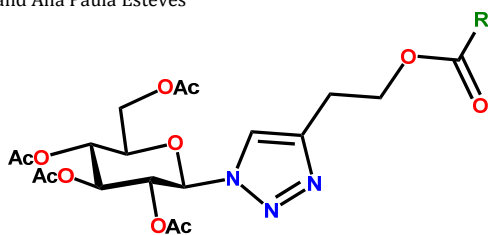


*European Journal of Chemistry 4 (1) (2013) 61-63***Synthesis of azoarenes by reductive dimerization of nitroarenes using ammonium bromide and magnesium**

Malavalli Basavaraju Sridhara, Ramesh Suhas, and Dase Gowda Channe Gowda

*European Journal of Chemistry 4 (1) (2013) 64-69***Synthesis of esters derived from 2,3,4,6-tetra-*O*-acetyl-1-[4-(2-hydroxyethyl)-1*H*-1,2,3-triazol-1-yl]- β -D-glucopyranose**

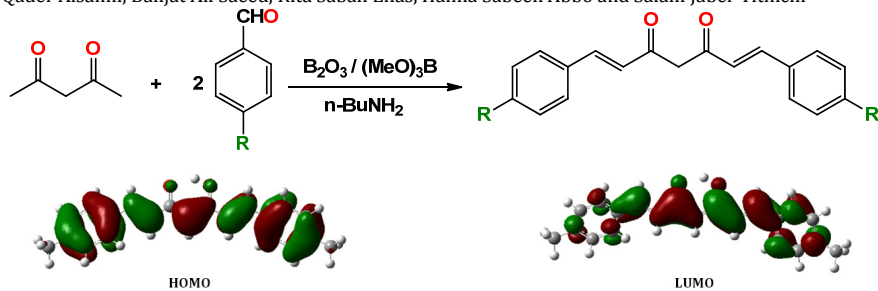
Tiago Alexandre Dinis Pinto, Marilia Silva, Silvia Cunha, Ana Maria Ferreira Oliveira-Campos, Ligia Marona Rodrigues, Radim Hrdina and Ana Paula Esteves



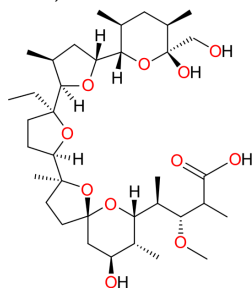
2,3,4,6-Tetra-*O*-acetyl-1-[4-(2-hydroxyethyl)-1*H*-1,2,3-triazol-1-yl]- β -D-glucopyranose was prepared and reacted with several acids either aliphatic or aromatic to obtain esters. Analogues of salicylic acid were also used.

*European Journal of Chemistry 4 (1) (2013) 70-73***Synthesis and electronic properties of alkyl- and alkyloxy-curcuminoids**

Tahseen Abed Al Qader Alsalm, Bahjat Ali Saeed, Rita Sabah Elias, Hanna Sabeeh Abbo and Salam Jaber Titinchi

*European Journal of Chemistry 4 (1) (2013) 74-84***On the effect of chelating agents and antioxidants on cadmium-induced organ toxicity. An overview**

Juliana Ivanova, Yordanka Gluhcheva, Denitsa Tsanova, Angelina Piskova, Radostina Djaleva, Steliana Mokresheva, Dimitrina Kamenova, and Mariana Mitewa



Structure of monensic acid
(An antidote for Cd-intoxications)