

# Iranian Journal of Organic Chemistry

Iran JOC Vol. 9, No. 1, 2017

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### Graphical Abstracts

**Nano fiber composite prepared from disposable food container as a promising solution for removing the arsenate from water**

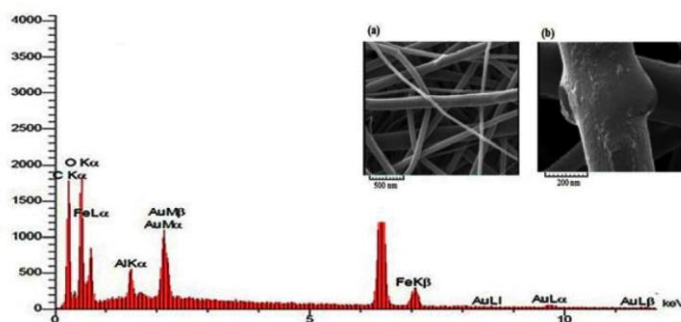
pp 1951-1959

Elham Ezzatzadeh<sup>a,\*</sup>, Masoumeh Meskinfam Langroudi<sup>b</sup>, Farhad Jokari Sheshdeh<sup>b,c</sup>

<sup>a</sup>Department of Chemistry, Ardabil branch, Islamic Azad University, Ardabil, Iran

<sup>b</sup>Department of Chemistry, Lahijan branch, Islamic Azad University, Lahijan, Iran

<sup>c</sup>Institute of Technical and Macromolecular Chemistry, University of Hamburg, Hamburg, Germany

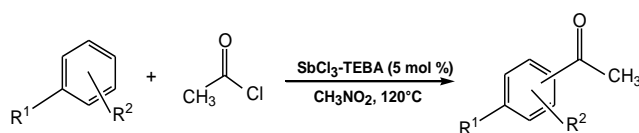


**SbCl<sub>3</sub>-TEBA complex as a highly efficient catalyst for the Friedel-Crafts acylation reaction**

pp 1961-1965

Dadkhoda Ghazanfari\*, Tayebeh Kermanizadeh and Mehdi Shahidi

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



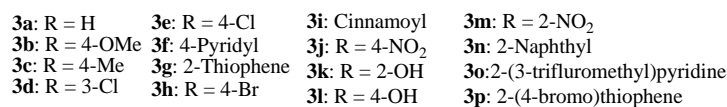
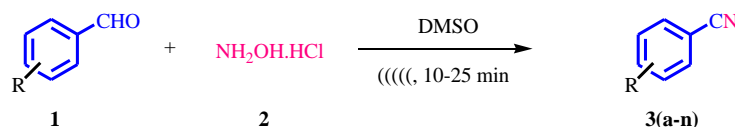
R<sup>1</sup>, R<sup>2</sup>=H, alkyl, alkoxy, ...

## Ultrasound assisted synthesis of aryl nitriles from aldehydes

pp 1967-1973

Swati Padol, Sandip Ugale and Somnath Gholap\*

Post Graduate Department of Chemistry and Research Centre, Padmashri Vikhe Patil College, Pravaranagar (Loni Kd.), Tal-Rahata, Dist- Ahmednagar, 413713 (MS), India

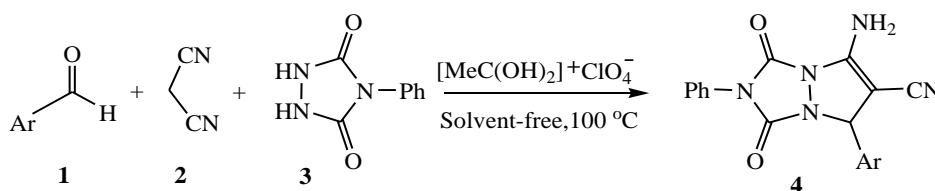


## Application of [MeC(OH)<sub>2</sub>]<sup>+</sup>ClO<sub>4</sub><sup>-</sup> super acidic ionic liquid as highly efficient catalyst for multi-component synthesis of pyrazolo[1,2-a][1,2,4]triazole-1,3-diones

pp 1975-1979

Behrooz Mirza

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



## Theoretical studies on the structural properties, aromaticity and reactivity of 1H-phosphole derivatives

pp 1981-1993

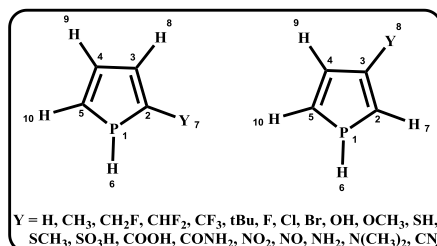
Mehdi Nabati<sup>a,\*</sup>, Mehdi Hasanvand Mofrad<sup>b</sup>, Maliheh-alsadat Kermanian<sup>c</sup>, Saman Sarshar<sup>d</sup>

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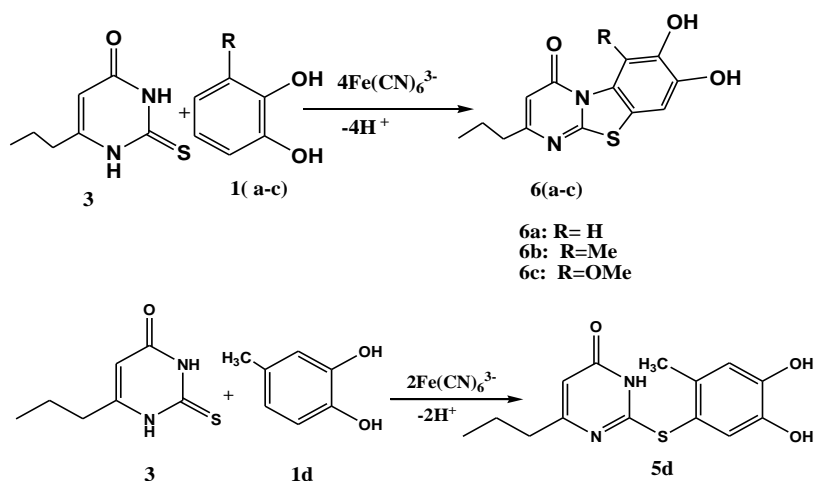
## Benzothiazolopyrimidinone through oxidative coupling of catechols and propylthiouracil

pp 1995-1999

Mohsen Sargordan-Arani<sup>a\*</sup> and Behrooz Mirza<sup>b</sup>

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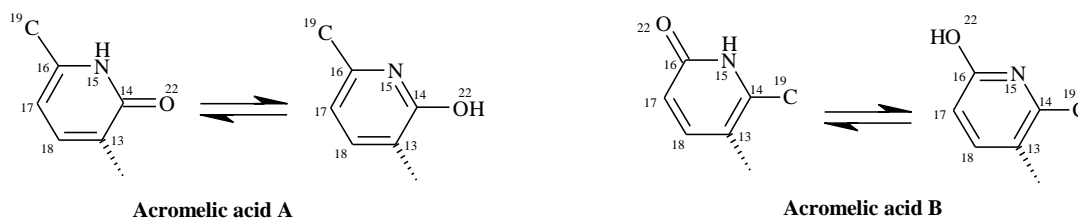
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## Theoretical studies of molecular structure of natural products: Acromelic acid A and B pp 2001-2012

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**Theoretical investigation on the  $^1\text{H}$  and  $^{13}\text{C}$  chemical shifts of TRODAT-1 compound with density functional theory and Hartree-Fock computational methods**

pp 2013-2023

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