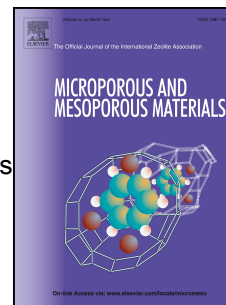


# Accepted Manuscript

Eco-friendly functionalization of magnetic halloysite nanotube with  $\text{SO}_3\text{H}$  for synthesis of dihydropyrimidinones

Ali Maleki, Zoleikha Hajizadeh, Razieh Firouzi-Haji



PII: S1387-1811(17)30646-7

DOI: [10.1016/j.micromeso.2017.09.034](https://doi.org/10.1016/j.micromeso.2017.09.034)

Reference: MICMAT 8575

To appear in: *Microporous and Mesoporous Materials*

Received Date: 25 June 2017

Revised Date: 11 September 2017

Accepted Date: 28 September 2017

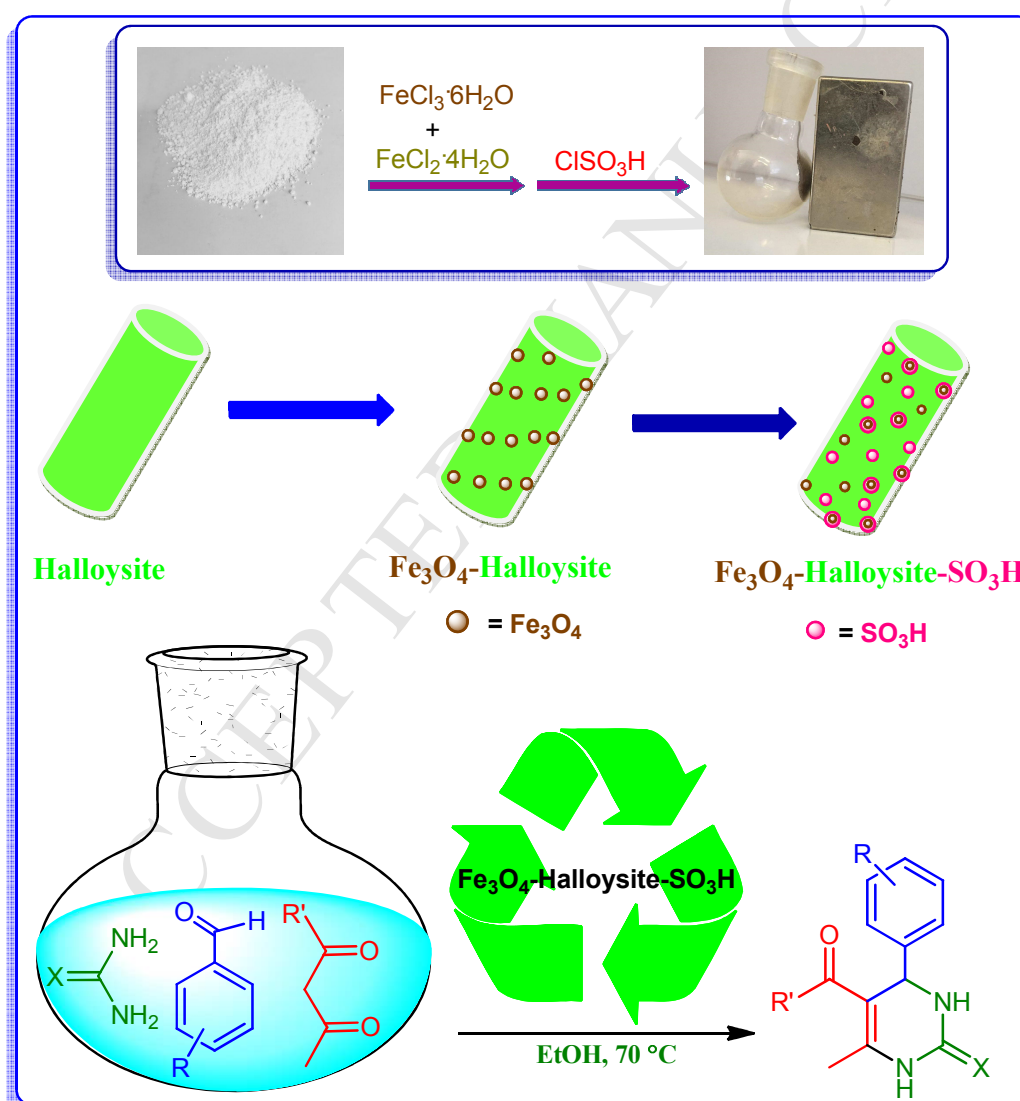
Please cite this article as: A. Maleki, Z. Hajizadeh, R. Firouzi-Haji, Eco-friendly functionalization of magnetic halloysite nanotube with  $\text{SO}_3\text{H}$  for synthesis of dihydropyrimidinones, *Microporous and Mesoporous Materials* (2017), doi: 10.1016/j.micromeso.2017.09.034.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## Eco-friendly functionalization of magnetic halloysite nanotube with $\text{SO}_3\text{H}$ for synthesis of dihydropyrimidinones

Ali Maleki,\* Zoleikha Hajizadeh and Razieh Firouzi-Haji

The preparation of a new magnetic nanocomposite sulfonic acid-functionalized  $\text{Fe}_3\text{O}_4$ -halloysite is prepared in two steps, completely characterized and applied as a heterogeneous catalyst for efficient synthesis of dihydropyrimidinones.



Download English Version:

<https://daneshyari.com/en/article/6532440>

Download Persian Version:

<https://daneshyari.com/article/6532440>

[Daneshyari.com](https://daneshyari.com)