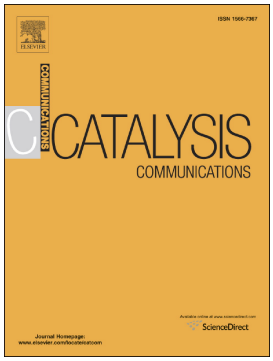

Nano CoCuFe2O4 catalyzed coupling reaction of acid chlorides with terminal alkynes: A powerful toolbox for palladium-free ynone synthesis

Firouz Matloubi Moghaddam, Raheleh Pourkaveh, Marzieh Ahangarpour

PII: S1566-7367(17)30369-2
DOI: doi: 10.1016/j.catcom.2017.08.029
Reference: CATCOM 5178

To appear in: *Catalysis Communications*

Received date: 5 July 2017
Revised date: 20 August 2017
Accepted date: 22 August 2017

Please cite this article as: Firouz Matloubi Moghaddam, Raheleh Pourkaveh, Marzieh Ahangarpour , Nano CoCuFe2O4 catalyzed coupling reaction of acid chlorides with terminal alkynes: A powerful toolbox for palladium-free ynone synthesis. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Catcom(2017), doi: 10.1016/j.catcom.2017.08.029

Nano $CoCuFe_2O_4$ catalyzed coupling reaction of acid chlorides with terminal alkynes: a powerful toolbox for palladium-free ynone synthesis

Firouz Matloubi Moghaddam[a*], Raheleh Pourkaveh[a], Marzieh Ahangarpour[a]

[a]*Laboratory of Organic Synthesis and Natural Products, Department of Chemistry, Sharif University of Technology, Azadi Street, PO Box 111559516 Tehran, Iran*

[*] Corresponding author: Tel.: + 98 21 66165309; e-mail: matloubi@sharif.edu