### **Accepted Manuscript**

Gold-catalyzed synthesis of  $\beta$ -trifluoromethylated  $\alpha,\beta$ -unsaturated ketones from CF<sub>3</sub>-substituted propargylic carboxylates and their reactivity in Diels-Alder reactions

Arnaud Boreux, Aubin Lambion, Dominic Campeau, Marina Sanita, Ruben Coronel, Olivier Riant, Fabien Gagosz

PII: S0040-4020(18)30602-1

DOI: 10.1016/j.tet.2018.05.054

Reference: TET 29561

To appear in: *Tetrahedron* 

Received Date: 6 March 2018

Revised Date: 17 May 2018 Accepted Date: 18 May 2018

Please cite this article as: Boreux A, Lambion A, Campeau D, Sanita M, Coronel R, Riant O, Gagosz F, Gold-catalyzed synthesis of  $\beta$ -trifluoromethylated  $\alpha,\beta$ -unsaturated ketones from CF<sub>3</sub>-substituted propargylic carboxylates and their reactivity in Diels-Alder reactions, *Tetrahedron* (2018), doi: 10.1016/j.tet.2018.05.054.

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.



#### ACCEPTED MANUSCRIPT

### **Graphical Abstract**

To create your abstract, type over the instructions in the template box below. Fonts or abstract dimensions should not be changed or altered.

# Gold-catalyzed synthesis of $\beta$ -trifluoromethylated $\alpha$ , $\beta$ -unsaturated ketones from CF<sub>3</sub>-substituted propargylic carboxylates and their reactivity in Diels-Alder reactions

Leave this area blank for abstract info.

Arnaud Boreux<sup>a,b,\*</sup>, Aubin Lambion<sup>a</sup>, Dominic Campeau<sup>c</sup>, Marina Sanita<sup>c</sup>, Ruben Coronel<sup>c</sup>, Olivier Riant<sup>a,\*</sup> and Fabien Gagosz<sup>b,c,\*</sup>

<sup>a</sup>Institute of Condensed Matter and Nanosciences (IMCN), Molecules, Solids and Reactivity (MOST), Université catholique de Louvain (UCL), Place Louis Pasteur 1, 1348 Louvain-La-Neuve, Belgium

<sup>b</sup>Laboratoire de Synthèse Organique, UMR 7652 CNRS/Ecole Polytechnique, Route de Saclay, 91128 Palaiseau, France

<sup>c</sup>Department of Chemistry and Biomolecular Sciences, University of Ottawa, K1N 6N5, Ottawa, Canada

### Download English Version:

## https://daneshyari.com/en/article/8955164

Download Persian Version:

https://daneshyari.com/article/8955164

<u>Daneshyari.com</u>