

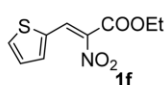
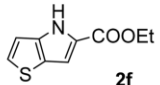
Fused Heterocycles

Palladium-Catalyzed Intramolecular Cyclization of Nitroalkenes:
Synthesis of ThienopyrrolesMohamed A. EL-Atawy,^[a,b] Francesco Ferretti,^[c] and Fabio Ragaini*^[c]

In the original article,^[1] compound **1f**, ethyl 2-nitro-3-(thiophen-2-yl)acrylate was incorrectly assigned as the *E* isomer on the basis of a NOESY NMR experiment. Reinvestigation of this assignment using different parameters evidenced that compound **1f** is the *Z* isomer. We apologize for the error. The stereochemistry of the other compounds reported in the table is correct. The amended version of Table 3, entry 5 is reported below:

The Authors

Table 3. Palladium catalyzed cyclization of substituted 2- and 3-(2-nitrovinyl)-thiophenes to thienopyrroles: reaction scope and limitation.^[a]

Entry	Substrate	Thienopyrrole	Yield ^[b]
5	 1f	 2f	_[d]

[a] Reaction conditions: **1** (0.5 mmol), [Pd(Phen)₂][BF₄]₂ (0.01 mmol), CH₃CN (15 mL), Et₃N (400 μL, 2.9 mmol), 150 °C, P_{CO} = 5 bar, 3 h. Molar ratio **1a/L7**/Pd = 50:8:1. [b] Isolated yield. [d] The product was detected by GC-MS but it was not possible to isolate it in a pure form.

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Keywords: C-H amination · Nitroalkenes · Palladium · Nitrogen heterocycles · Sulfur heterocycles


[1] M. A. El-Atawy, F. Ferretti, F. Ragaini, *Eur. J. Org. Chem.* **2017**, 1902–1910.
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[a] Chemistry Department, Faculty of Science, Taibah University, Yanbu 46423 Saudi Arabia

[b] Chemistry Department, Faculty of Science, Alexandria University P.O. 426 Ibrahemia, Alexandria 21321, Egypt

[c] Dipartimento di Chimica, Università degli Studi di Milano Via Golgi 19, 20133 Milano, Italy
E-mail: fabio.ragaini@unimi.it
<http://eng.chimica.unimi.it/ecm/home>

 ORCID(s) from the author(s) for this article is/are available on the WWW under <https://doi.org/10.1002/ejoc.201901022>.