

Correction to "Convenient Synthesis of Triphenylphosphanylidene Spiro[cyclopentane-1,3'-indolines] and Spiro[cyclopent[2]ene-1,3'-indolines] via Three-Component Reactions"

Ying Han, Yin-Jian Sheng, and Chao-Guo Yan*

Org. Lett. 2014, 16 (10), 26542657. DOI: 10.1021/ol5008394

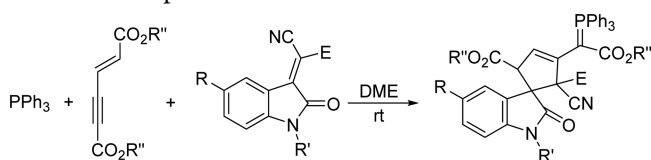
S Supporting Information

A misinterpretation of the CIF file for **2g** shown in Figure 2 caused incorrect structures to be reported for compounds **2a–k**.

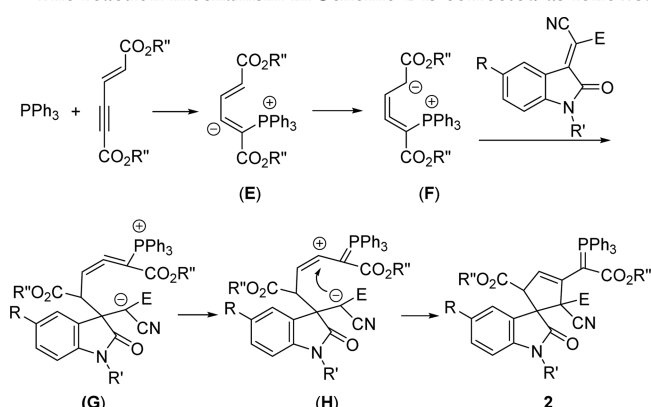
Abstract, captions for Table 2 and Scheme 2, and all mentions in the text. The compound name should be changed from spiro[cyclopent[2]ene-1,3'-indolines] to spiro[cyclopent[3]ene-1,3'-indolines].

Page 2656, column 1. The text should read, "At first, the addition of triphenylphosphine to hex-2-en-4-ynoate gives intermediate **E**. Second, the addition of 1,3-dipolar zwitterionate (**E**) to isatinylidene malononitrile produces adduct **F**. Third, the intramolecular Michael addition of the carbanion to the 1,3-diene bearing a stronger electron-withdrawing triphenylphosphanyl cationin adduct **F** affords a cyclized intermediate (**G**), which in turn transfers to a phosphorus ylide intermediate (**H**) by allylic arrangement of carbanion. Finally, the phosphorus ylide transfers to the triphenylphosphanylidene spiro[cyclopent[3]ene-1,3'-indoline] **2**."

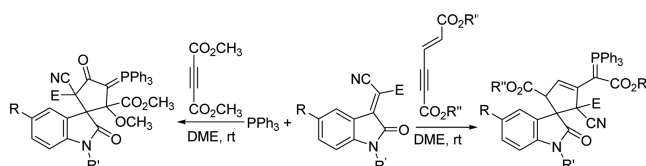
The correct product for the reaction in Table 2 is shown:



The reaction mechanism in Scheme 2 is corrected as follows:



The correct product for the Table of Contents and Abstract graphic is shown:



ASSOCIATED CONTENT

S Supporting Information

The Supporting Information is available free of charge on the ACS Publications website at DOI: 10.1021/acs.orglett.5b02956.

Revised version of the SI containing corrected compound names and structures for **2a–k** (PDF)

Received: October 12, 2015